software AG

Adabas

Messages and Codes

Version 8.1.4

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Adabas

Table of Contents

Preface

This documentation contains a description of error messages and response codes for the basic Adabas database management system and the following options or add-on products:

- Adabas Triggers and Stored Procedures Facility
- Adabas Delta Save Facility
- Adabas Caching Facility
- Adabas Cluster Services
- Adabas Parallel Services
- Adabas SAF Security
- Adabas Recovery Aid (ADARAI)
- Adabas Transaction Manager
- Adabas VSE Job Exit Utility

📄 **Notes:**

1. Data set names starting with DD are referred to in Adabas manuals with a slash separating the DD from the remainder of the data set name to accommodate VSE data set names that do not contain the DD prefix. The slash is not part of the data set name.

2. Notation *vrs*, *vr*, or *v*: When used in this documentation, the notation *vrs* or *vr* stands for the relevant version of a product. For further information on product versions, see *version* in the *Glossary*.

3. Information about Adabas operator commands, which are often issued in response to a message or code, can be found in the Adabas Operations documentation.

The description of messages and codes is organized in the following parts:

ADARUN Statement/Parameter Messages	The error messages that can result from ADARUN statements and parameters that define the nucleus operating environment.
Adabas Console Messages	Messages that may be displayed on the operator console during an Adabas session.
General System Messages	Messages issued by Adabas functions and modules (some may be displayed on the system console).
Nucleus Error Messages and Response Codes	Error messages and response codes issued by the Adabas nucleus during startup or during processing of nucleus commands.
Utility Messages and Codes	Error messages and nonzero return codes isuued by Adabas utilities.

User Abend Codes	User abnormal end (abend) codes
Universal Encoding System (UES) Component Error Codes	Error codes issued by Adabas UES components and listed in other Adabas error messages
Software AG Mainframe Licensing Error Messages	Error messages issued by Software AG's mainframe licensing software and the license utility (LICUTIL)

> **Note:** Proprietary functions of Adabas may also return response codes and subcodes, some of which are not described in this manual. If using such Adabas functions and messages or codes occur that are not explained in this manual, refer to the documentation for those functions for additional information.

1 List of Abbreviations

Abbreviation	Meaning
AB	attached buffers
AC	address converter
ADACB	Adabas control block
ASSO	Associator
BP	buffer pool
CID	command ID
CLOG	command log
CQ	command queue
CQE	command queue element
DATA	Data Storage
DBID	database ID
DIB	data integrity block
DSST	Data Storage space table
DVT	descriptor value table
FB	format buffer
FCB	file control block
FDT	field definition table
FID	format ID
FNR	file number
FST	free space table
GCB	general control block
GFID	global format ID
HQ	hold queue
HQE	hold queue element

Abbreviation	Meaning
IB	ISN buffer
ISN	internal sequence number
MU	multiple-value field
NI	normal index
PE	periodic group
PLOG	protection log
PPT	parallel participant table (nucleus cluster environments)
RABN	relative Adabas block number
RB	record buffer
SB	search buffer
SIBA	sequential data protection data set
TBI	table of ISNs
TBQ	
TBS	table of sequential ISNs
UI	upper index
UQ	user queue
UQE	user queue element
URL	universal resource locator
VB	value buffer
WORK	Work data set
WP	work pool

I

2   ADARUN Statement/Parameter Messages

The Adabas ADARUN statements and parameters define the nucleus operating environment. The error messages that can result from ADARUN statements and parameters are described in this section. These messages have the following format:

```
ADARUN error-nn,message-text
```

where *nn* is the message number and *message-text* describes the error. All ADARUN error messages are accompanied by a user abend 35 (abnormal end without a dump) code.

For information regarding ADARUN parameter syntax, refer to the Adabas operations documentation, provided in the *Adabas Operations Manual*.

error-1	**I/O-error DDCARD**
Explanation	A job control (JCL/JCS) error occurred.
Action	Correct the error and rerun the job.

error-2	**Unknown module**
Explanation	Either the ADARUN PROG parameter or the library allocation JCL is incorrect.
Action	Correct the error and rerun the job.

error-3	**Invalid parmcard**
Explanation	An ADARUN parameter statement is missing the literal "ADARUN" at the beginning of the ADARUN statement.
Action	Correct the error and rerun the job.

error-5   **Invalid parm**

Explanation   One of the following has occurred:

■ The starting position of a keyword is either lower than "A" or higher than "Z".

■ Positions 1-72 contain no valid parameters.

Action   Correct the error and rerun the job.

error-6   **Syntax error**

Explanation   ADARUN detected invalid parameter syntax.

Action   Correct the error and rerun the job.

error-7   **Unknown keyword**

Explanation   ADARUN detected an invalid keyword parameter.

Action   Correct the error and rerun the job.

error-8   **Error from load**

Action   ADARUN detected a nonzero return code from the operating system's load function.

Action   Refer to any related ADAInn or other messages for the specific return code value, then refer to the appropriate operating system information for the action to take.

error-9   **No user program**

Explanation   ADARUN was not called by a user program, or required ADARUN parameters were missing.

Action   Correct the JCL or control statements and rerun the job.

error-10   **Module = non-XS**

Explanation   BS2000 only. ADARUN was loaded from the XS library. During the loading procedure, the specified non-XS module was deleted.

Action   Do not mix XS and non-XS libraries.

error-12   **Invalid CMDQMODE = operand (above, below)**

Explanation   BS2000 only. The CMDQMODE parameter specified an incorrect syntax option.

Action   Job terminates. Set the correct parameter value.

error-13	**Invalid TAPEREL = operand (NO, RELEASE, KEEP, UNLOAD, KEEPUNL)**
Explanation	BS2000 only. The TAPEREL parameter specified an incorrect syntax option.
Action	Job terminates. Set the correct parameter value.

error-20	**RMODE error**
Explanation	ADARUN detected one or more loaded modules linked with RMODE={ANY ∣ 31} while it runs in AMODE=24.
Action	Check the load library and either relink modules linked with AMODE=24 to AMODE={ANY ∣ 31}, or relink modules linked with RMODE=ANY to RMODE=24.

error-21	**CLU parm error**
Explanation	ADARUN detected inconsistent CLUSTER parameter:

- CLUSTER=SYSPLEX or CLUSTER=LOCAL and NUCID=0; or
- CLUSTER=NO (default) but NUCID is nonzero.

Action	Correct the error and rerun the job.

error-22	**NXLOG error**
Explanation	ADARUN detected inconsistent parameter:

- Both NPLOG/NCLOG and DUALPLD/DUALCLD are specified; or
- PPLOGDEV/CLOGDEV and PLOGSIZE/CLOGSIZE are specified but NPLOG/NCLOG is not specified; or
- UEX2 together with NPLOG/NCLOG instead of UEX12 was found in the ADARUN parameters.
- The CLOGMAX or CLOGBMAX parameter setting is smaller than 368 bytes.

Action	Correct the error and rerun the job.

error-23	**RPL PARM error**
Explanation	ADARUN detected an inconsistent replication parameter.

- RPLPARMS was not "PARMS", "FILE", "BOTH", or "NONE".
- RPWARNPERCENT was not in the range 0 to 99.
- RPWARNINCREMENT was not in the range 0 to 99.
- RPLSORT was not "YES", "NO", or "LAST".

Action	Correct the error and rerun the job.

error-24   **CLOG PARM error**

Explanation   ADARUN detected an inconsistent command logging parameter:

- CLOGLAYOUT was not 5 nor 8.

- LOGABDX was not YES nor NO.

- LOGUB was not YES nor NO.

- LOGMB was not YES nor NO.

Action   Correct the error and rerun the job.

error-25   **REV PARM error**

Explanation   ADARUN detected an inconsistent Adabas Review parameter:

- REVFILTER was not YES nor NO.

- REVLOGMAX was not in the range 2000 through 32768.

- REVLOGBMAX exceeded 32768.

Action   Correct the error and rerun the job.

error-31   **IDTNAME does not start "ADA"**

Explanation   This is a BS2000 only error. The user has defined the IDTNAME or the ENVNAME
                      in the SSFB2C parameter module which does not begin with "ADA". This will lead
                      to a failure in communication between Client applications and nucleus.

Action   Correct the IDTNAME in the ADARUN parameter list so that it begins with "ADA"
                      and restart the nucleus.

error-98   **Adabas v.v cannot run on NXS hardware**

Explanation   BS2000 only. Adabas 6.2 and above require 31-bit processors.

error-99   **Adabas v.v cannot run under BS2000 version lower than (<) 10**

Explanation   BS2000 only. Adabas 6.2 and above require BS2000 version 10 or above.

error-107   **detected during system open**
                      Replication initialization error

Explanation   An error occurred during initialization of replication. Refer to the messages preceding
                      Parm-Error 107 to determine what action to take.

Action   Correct the condition specified in the message(s) displayed before Parm-Error 107
                      and restart initialization of replication.

If the replication definitions are stored on the Replicator system file and a change must be made to the Event Replicator Server definitions, complete the following steps:

1. Temporarily set the ADARUN parameter RPLPARMS to NONE.

2. Start the Event Replicator Server.

3. Make the related changes to the replication definitions in the Replicator system file.

4. Shut down the Event Replicator Server.

5. Change the ADARUN parameter RPLPARMS back to its original value.

6. Start the Event Replicator Server.

error-140	PPT-Area allocation failed
Explanation	The allocation of the PPT area failed. An attempt was made to allocate 32 ASSO blocks.
Action	Increase the ASSO size of database and rerun the job.

WARNING 26	Parameter AMODE out of service
Explanation	BS2000 only. ADARUN statement AMODE=31 detected. This parameter has been removed from Adabas. Targets that use SSF must run in AMODE 31.
Action	The job continues. Remove AMODE= from your ADARUN statements.

WARNING 27	Parameter IDTMODE out of service
Explanation	BS2000 only. IDTMODE=ABOVE statement detected. This parameter has been removed from Adabas. IDTs created by SSF are allocated above the 16-megabyte line.
Action	The job continues. Remove IDTMODE= from your ADARUN statements.

WARNING 28	Parameter NECB out of service
Explanation	BS2000 only. NECB= statement detected. This parameter has been removed from Adabas. The posted ECB queue can no longer overflow.
Action	Job continues. Remove NECB= from your ADARUN statements.

II

3 Adabas Console Messages

The following messages may be displayed on the operator console during an Adabas session. Each message number is followed first by either:

- "ADAB" for Adabas SVC module messages; or

- the database identification (DBID) of the physical database for which the message applies.

Then follows the error date and time and finally the message text. The console messages have the same general format:

```
ADANnn database ID yyyy-mm-dd hh:mm:ss message text
```

Because of space restrictions, the message descriptions are shown here without the database ID and date/time portion of the message.

> **Note:** Some message numbers have been assigned to more than one message text.

ADAN01   **Mode = {single | multi}**
                    Adabas ({vv . r . s}) is active
                    Running {with | without} recovery-log

Explanation   The Adabas nucleus at release level $v.r.s$ has been initiated successfully. Multi- or single-user mode is indicated, and whether the nucleus is running with or without the Adabas Recovery Aid (ADARAI) log.

ADAN02   **Nucleus-run {with | without} protection log**

Explanation   The Adabas nucleus session has been initiated and database protection logging either has or has not been specified. The subsequent execution of the REGENERATE and BACKOUT functions of the ADARES utility for any updates applied during the session is only possible when protection logging has been specified. However, transaction recovery for ET logic users is not affected by PLOG specification since data protection information for such users is still maintained on the Adabas Work file.

ADAN03   **Adabas coming up**

Explanation   Adabas session initialization is in progress.

ADAN03   **Initializing NUCID=nn{nn}n INTNUCID={xx}**

Explanation   Initialization is in progress for the specified external nucleus ID (nnnnn) with the specified internal nucleus ID (xx). This message is useful for determining the internal system-assigned nucleus ID associated with the external user-assigned NUCID.

ADAN04	**Abnormal end due to work overflow**
Explanation	The Adabas nucleus detected an overflow condition on the Work data set that could not be rectified by normal Adabas backout processing. The Adabas session was therefore terminated abnormally.
Action	Notify the DBA immediately.

ADAN05	**Warning. Now it is too late to copy DDPLOGR{n}**
Explanation	Adabas has begun to write data protection log data to the data set identified by DD/PLOGRn. This means that the data set can no longer be copied to tape for subsequent use as input to the REGENERATE or BACKOUT functions of the ADARES utility. A user exit 2 (dual log processing) or a user exit 12 (multiple log processing) call either was not made or did not successfully copy the DD/PLOGRn data set with the ADARES utility.

ADAN05	**I/O error on PLOGR{n}**
Explanation	An I/O error occurred on the dual or multiple protection log data sets. Processing continues without protection logging.

ADAN06	**Number of HQES = {nnn}**
Explanation	This message is displayed in response to the operator command DNH. The number of ISNs currently in the Adabas hold queue is represented by "nnn".

ADAN06	**I/O error on SIBA**
Explanation	An I/O error occurred on sequential protection log SIBA. If the nucleus runs with PLOGRQ=YES, the nucleus terminate with user abend 22; otherwise, the SIBA is set to dummy and processing continues without protection logging.

ADAN07	**Current HQ is empty**
Explanation	This message is displayed in response to the operator commands DHQ or DHQA in the event that the hold queue is empty.

ADAN07	**SIBA is set to DUMMY**
Explanation	This message may follow an ADAN06 message.

ADAN08	**FILE={file-number}, ISN={isn}, USER={userid}**
Explanation	This message is displayed in response to the operator command DHQ or DHQA. For each ISN in the hold queue, the file number, ISN, and Adabas-assigned ID of the user for whom the ISN is being held is given.

ADAN08	**Rerun ADARES with larger LP-SIZE**
Explanation	The LP parameter specifies the number of blocks to allocate to the data protection area, which is part 1 of the Work data set. This area must be large enough to accommodate the data protection information for the current transaction for all ET Logic users.

ADAN09	**Number of UQES = {nnn}**
Explanation	This message is displayed in response to the operator command DNU. "nnn" indicates the number of user queue elements currently active.

ADAN10	**Current UQ is empty**
Explanation	This message is displayed in response to the operator command DUQ in the event that there are no users currently active and/or the current UQ does not contain utility UQEs (response to DUUQE).

ADAN11	**USER={userid}, JN={jobname}, TY={t}, LA={ns}, TID={aaaaaaaa} ({xxxxxxxx})**
Explanation	This message, a response to a DUQ, DUQA, or DUUQE operator command, provides the following information about each user:

userid	the Adabas-assigned user ID	
jobname	the name of the related job	
t	User type:	
	A:	access-only user
	E:	ET logic user
	U:	utility or Adabas Online System user
	X:	exclusive update user
ns	time (in seconds) since the last activity	
aaaaaaaa	terminal ID (alphanumeric)	
xxxxxxxx	terminal ID (hexadecimal)	

The terminal ID is the contents of the UQE.

ADAN12 USER={userid}, JN={jobname}
TY={t }, LA={ns}
USERID={op-userid}, ST={status}, TRST={m}, NF={count}
FILE={n(s)},...{n(s)}

Explanation This message is displayed in response to the operator command DUQE. The following information is given for each user queue element:

userid	the Adabas-assigned user ID, or "WITHOUT USER-ID"		
jobname	the name of the related job		
t	user types:		
	A:	access-only user	
	E:	ET logic user	
	U:	utility or Adabas Online System user	
	X:	exclusive update user	
ns	time (in seconds) since the last activity		
op-userid	user ID assigned by user with OP command		
status	user status:		
	E:	ET user in ET status	
	-:	ET user not in ET status	
	T:	timed-out user	
m	time in seconds since start of transaction		
count	number of files in the file list		
n(s)...	"n" is the file number; "s" is the file status:		
	A:		being accessed by the user
	F:		open for EXF user
	P:		open for Adabas utility
	U:		being updated by the user
	X:		open for exclusive updating

ADAN13 **Number of posted CQES = {nnn}**

Explanation This message is displayed in response to the DNC operator command. "nnn" indicates the number of posted command queue elements.

ADAN14   **Current CQ is empty**
        USER={userid}, JOBNAME={jobname}
        CMD={cmd-code}, FILE={fnr}, STCK={timestamp}, IUBL={buf-length}

Explanation   This message is displayed in response to the DCQ operator command. Unless the command queue (CQ) is empty, the message displays the following for each command queue element (CQE):

`userid`	the last eight bytes of the user's 28-byte communication ID presented in characters if it is readable or in hexadecimal if it contains noncharacter data.
`jobname`	the user's job name
`cmd-code`	the two-character Adabas command code
`fnr`	the Adabas file number specified in the command
`timestamp`	the machine time (in STCK format) as of when the command entered the command queue
`buf-length`	the total length of the buffers belonging to the command.

ADAN15   **LBP-size too small for the number of threads**

Explanation   The specified or available buffer pool space may not be large enough for the number of threads specified by the ADARUN NT parameter. This message is a warning. Adabas allocates 50 kilobytes per thread and processing continues.

Action   Either increase the buffer pool size (specified by the ADARUN LBP parameter) or decrease the thread count (with the ADARUN NT parameter). Restart Adabas. If the error occurs again, allocate more address space for the Adabas nucleus and check the session I/O statistics for buffer efficiency.

ADAN16   **{ADARUN-parameter-settings}**

Explanation   This message is displayed on the console in response to the operator command DPARM. The current setting for each ADARUN parameter specified for an Adabas nucleus is given using this message number.

Action   No action is required for this informational message.

ADAN17   **[special nucleus status indicators, if applicable]**
        READ I/Os A={nnn}, D={nnn}, W={nnn}
        WRITE I/O A={nnn}, D={nnn}, W={nnn}
        Commands={nnnn},Buffer efficiency={nn.n}
        Fmt-Tran.={nnn},Fmt-Ovwr.={nnn}
        THREAD{thd}= {nnn} commands

Explanation   This message is displayed in response to the operator command DSTAT.

           Except for the first optional message line, the messages display the following information:

Read I/Os A=*nnn*	physical read I/Os to Associator
Read I/Os D=*nnn*	physical read I/Os to Data Storage
Read I/Os W=*nnn*	physical read I/Os to Work
Write I/O A=*nnn*	physical write I/Os to Associator
Write I/O D=*nnn*	physical write I/Os to Data Storage
Write I/O W=*nnn*	physical write I/Os to Work
Commands=*nnnn*	number of commands processed
Buffer efficiency=*nn.n*	number of logical I/Os divided by number of physical I/Os
Fmt-Tran.=*nnn*	number of translations into internal format buffer
Fmt-Ovwr.=*nnn*	number of times an existing internal format entry format entry was overwritten
Thread *xxx*=*nnn* commands	number of commands processed in the specified thread. The nucleus omits threads in which no commands are executed.

The special nucleus status indicators that can occur in the first message are as follows:

Message Text	Explanation
ADAEND in progress	The Adabas nucleus is shutting down.
ET-synchronization in progress	New transactions are delayed until all open transactions are finished.
Online database save running	Update utility functions are rejected.
Online file save running	Update utility functions on the files being saved are rejected.
Exclusive-DB-control utility running	No other users can log on.
Read-only status	Update commands are rejected.
Read-only transition	Transition into read-only status.
UTI-only transition	Transition into utility-only status.
UTI-only status	Only privileged users such as the Adabas utilities and AOS can log on.
Update processing suspended	Update commands are delayed until normal processing resumes.

ADAN18   **THN={nnn}, ST={status}, USE={ccc}**

Explanation   In response to the operator command DTH, shows the following information for each
                             thread:

nnn	thread number	
status	thread status:	
	AA	Active
	RR	Ready to run
	UU	Unused
	WAP	Waiting for asynchronous post
	WE	Waiting for event
	WHQ	Waiting for hold queue space
	WI	Waiting for I/O
	WSP	Waiting for workpool space
	WLF	Waiting for logical buffer flush
	WPF	Waiting for physical buffer flush
	WP2	Waiting for PLOG write I/O
	WQE	Waiting for queued event
	WRB	Waiting for RABN
	WSE	Waiting for simple event
	WTI	Waiting for time elapse
	WW2	Waiting for WORK write I/O
	W*	Waiting for other event
ccc	count of commands processed by the thread	

ADAN19   **Buffer flush is asynchronous**

Explanation   This message and the asynchronous buffer flush occur when the ADARUN LFIOP
                             parameter specifies a nonzero value.

ADAN20   **ONLINE-DB-SAVE started**
                             PLOG-NR={session-number}, BLK-NR={block-number}
                             VOLSER-NR={volume}

Explanation   Online execution of the ADASAV utility's SAVE database function has started. The
                             message shown above occurs for both database and file SAVEs and specifies the
                             following:

session-number	the number of the session with which SAVE begins.
block-number	the RABN block that specifies the SYN1 starting point of the SAVE.
volume	the current SIBA volume/serial number.

Action Save this session/RABN information and the related PLOG and other SAVE output for later ADASAV restore activity.

ADAN21 **Protection log DD/PLOGRN started**

Explanation Adabas is now ready to begin writing data protection information to the dual or multiple data protection log identified by DD/PLOGRn.

Action Execute the PLCOPY function of the ADARES utility at this time.

ADAN22 **File dump online started**
DATASET-NR={session-number}, BLK-NR={block-number}
VOLSER_NR={volser}

Explanation The online ADASAV SAVE FILE execution has begun. The SAVE operation begins with session *session-number*, using the SYN4 start point indicated by RABN *block-number*.

Action Save this session/RABN information and the related PLOG and SAVE output for later ADASAV RESTORE activity.

ADAN23 **{date} {time} {online process} {started | partially done | done | stopped | terminated with error}**
{process-type}, FNR={fnr}, DE={aa}

Explanation An online process has started, is ongoing or has completed, terminated due to an error, or was stopped. The type of process is displayed, as well as the file number and details about the process as appropriate.

ADAN24 **{date} {time} DISPLAY PPT RABNs {nnnn} TO {mmmm}**

Explanation In response to operator command DPPT (Display PPT), this and subsequent messages show the contents of the Participating Plex-ID Table (PPT).

ADAN25 **DIB block is currently empty**
JOBNAME={jobname}, STARTTIME={hh:mm:ss} , LID={userid}

Explanation In response to operator command DDIB (display DIB block), this message either indicates an empty DIB block or provides the following DIB information:

jobname	job name
hh:mm:ss	job start time
userid	user ID assigned in the OP command

ADAN26   **Files locked={file-number}, ...**

Explanation   In response to the DDIB operator command, this message displays the *file-number* of a file that is locked because it is being used by an Adabas utility.

ADAN27   **{date} {time} release DE**
Release done, FNR={fnr} DE={de}

Explanation   The Release Descriptor function at the end of an aborted online invert process has released the descriptor shown for the file shown.

ADAN27   **{date} {time} release DE**
Release DE terminated due to error
File will be locked completely
FNR={fnr} DE={de} RESPONSE={rsp}

Explanation   The Release Descriptor function at the end of an aborted online invert process has failed with the response code shown. The file is locked.

ADAN27   **{date} {time} release DE**
Function terminated

Explanation   The Release Descriptor function at the end of an aborted online invert process has finished. If the online invert was processing an expanded file, the Release Descriptor function has been executed on all component files of the expanded file.

ADAN28   **High water marks**
{name} {value} {cur-value} {hw-value}

Explanation   In response to the DRES operator command, this message displays the pool/queue allocated record court, current value, and highest value reached ("high water mark") for the current session. The second line of the message occurs once for each of the following pool or queue items:

name	is the pool or queue item:	
	AB:	attached buffer table - current allocation not supported
	CQ:	command queue
	FI:	internal format buffer pool
	HQ:	hold queue
	TBI:	ISN table
	TBS:	sequential ISN list
	UQ:	user queue
	WORK	work pool
value	is the maximum pool value for the related 'name'	
cur-value	is the current record count in the pool/queue	
hw-value	is the highest count of the maximum pool value used to this point in the current session.	

ADAN29   **(No) users stopped**

Explanation   In response to the STOPI operator command, this message displays either as "users stopped" or "no users stopped", depending on the action performed by the STOPI command.

ADAN2A   **Overwriting PPT entry for NUCID={nnnnn}**

Explanation   There are already 32 entries in the parallel participant table. The nucleus ID entry specified was inactive and is being overwritten.

ADAN2B   **Different work dataset was detected**

Explanation   A Work data set was specified that is different from the one used in the previous session. This message is displayed only when the previously used Work data set contains a pending autorestart.

ADAN2C   **Unable to open or read previous work dataset**

Explanation   A Work data set was specified that is different from the one used in the previous session. An attempt to read the Work data set used in the previous session to search for a pending autorestart failed.

ADAN2D	**Caution - pending autorestart detected**
Explanation	A Work data set was specified that is different from the one used in the previous session. The previously used Work data set was read and contains a pending autorestart. The ADAI63 message identifies the previous Work data set.

ADAN2E	**Warning - PLOG datasets have changed. PPT overwritten.** **Use ADARES PLCOPY NOPPT to copy previous PLOG datasets.**
Explanation	The protection log (PLOG) data sets have changed from the previous session and the previous PLOG data sets have not been copied. Because FORCE=YES was not specified, the parallel participant table (PPT) entry for these data sets has been overwritten.
Action	Software AG recommends that you use the ADARES PLCOPY NOPPT function to copy the PLOGs from the previous session.

ADAN30	**FILES={n,n, ... }** **No files locked**
Explanation	In response to the operator command DLOCKF, this message displays the files that have been locked by LOCKF or LOCKU.

ADAN31	**FILE={n}, ACC={n}, UPD={n}, EXU={n}, UTI={n}**
Explanation	In response to the operator command DFILES, this message displays the number of users currently active for the specified file.

ADAN33	**FILE={n}, USAGE={n}** **FILE={n} is not used**
Explanation	In response to the operator command DFILUSE, this message displays the number of active commands (USAGE=n) for the specified file (FILE=n), or that the specified file does not exist in the database.

ADAN34	**No users stopped**
Explanation	In response to operator command STOPF, this message indicates that no users were active when the command was issued.

ADAN35	**{date} {time} online processes:** **{process-type} SORTSEQ={file=fnr}, CUR-RABN={rabn-nr}, CUR-ISN={isn}** **ID={x'nnnnnnnn}', {active	suspended}**
Explanation	In response to the operator command DONLSTAT, this message lists all online processes present in the nucleus session, the kind of process, the file number, the current RABN or ISN (depending on the function), the ID of the process, and whether the process is active or suspended.

ADAN41   **Function completed**

Explanation   The command or function issued was completed successfully.

ADAN42   **{date} {time} function accepted**

Explanation   The command issued was accepted by Adabas.

ADAN43   **Invalid type-in: {request}**

Explanation   Either the request *request* was invalid or it was not correctly entered.

Action   Check the request/command syntax and validity, then retry the request.

- A request to end a nucleus session with DUMP is invalid, and should not be retried.

- An operator command to change the cache space parameters for a file (CFILE) that has an existing cache space is invalid. It is necessary to first delete the existing cache space and then add a new one with different parameters.

ADAN44   **Function not executed**

Explanation   Adabas could not perform the function because of

- space restrictions;

- a conflict between the requested command/function and the systemstatus.

Action   Check for other related messages, correct any previously indicated errors, then retry the operation. Otherwise, contact your DBA, system support personnel, or Software AG technical support.

ADAN45   **User does not exist**

Explanation   The user specified in the request/command is either not active or not known to the system.

Action   Check for the validity of the user ID or possible errors when the specified user ID was entered.

ADAN46   **Function not executable**

Explanation   The requested function/command was valid but could not be executed. This message may occur alone or preceded by one of the following ADAN46 messages, which provide reasons why the current nucleus status does not allow the requested function:

ADAN46 Message Text	Explanation	Action
Online process running	The ADAEND request was rejected because an online reorder or online invert process is running.	Request ADAEND again after the online process finishes. Consider using HALT to stop the online process and shut down the nucleus.
Not yet supported by Cluster Services	The version of Adabas Cluster Services you are running does not support the requested function. The function is supported only by a nucleus running in noncluster mode.	
Failed to acquire global parameter lock	An error occurred when a nucleus running in Adabas cluster mode attempted to acquire the global parameter lock in order to change a global Adabas parameter. The parameter was not changed.	Contact your Software AG technical support representative.

In addition, if User Exit 2 is attempting to switch from one dual log to another and if the data set to be overwritten is full, this error will be issued.

Action   Wait a minute or two, then retry the command. If the message recurs, advise your system support personnel. If the message recurs while trying to issue a command in response to a previous error, make a note of that error and the related information for future reference.

ADAN47   **Online DUMP-DB is running, function not executed**

Explanation   A SYNCC, ADAEND, HALT, or CANCEL operator command was issued, but is not permitted during the current online save operation.

Action   Wait until the online save has ended, then retry the command.

ADAN47   **Net-work termination target-node due to conflict**

Explanation   In Entire Net-wWrk, target node IDs must be unique across all connected systems. If an attempt is made to connect to a target node ID that is not unique, the system terminates abnormally (ADAEND).

Action   Identify the conflicting node IDs and determine which one is to be active under the specified ID number.

ADAN48   **File currently in use - function not executed**

Explanation   A LOCKF, LOCKU, or LOCKX operator command was issued but the file specified is currently in use.

Action   Wait until the file is no longer in use, then retry the command.

ADAN48   **File not loaded**

Explanation   The file specified in the ALOCKF function is not loaded.

ADAN49   **{{userid} | {jobname}} backed out {during system open | by ADARES } UID={communication-id}**

Explanation   The last, incomplete transaction of the specified user (or job, if the user is not displayable) has been backed out during Adabas session autorestart or at the end of REGENERATE processing. The user ID (or job name) and communication ID are shown.

The user ID is the user's ET-ID. For users without an ET-ID, "ADAEND" is displayed as their user ID.

The field following UID= is the last 8 bytes of the 28-byte communication ID of the user in hexadecimal format; that is, the terminal ID for an online user or a STCK time stamp for a batch or TSO user.

Action   None required. This is an information message only. The transaction status of the specified users may need to be checked.

ADAN4A   **TRANS ET-SYNC point**

Explanation   ET-SYNC has occurred for the TRANSACTIONS SUSPEND process. This message is followed by the ADAN4E message.

ADAN4B   **TRANS SUSPEND started TT={time-limit}**

Explanation   All verifications in the nucleus are complete and the SUSPEND process has started. TT indicates when the transactions will time out. The TT value is derived either from the TTSYN parameter in the ADADBS TRANSACTIONS SUSPEND TTSYN=nn job or the nucleus default ADARUN TT setting.

ADAN4C   **Transactions TT rejected**

Explanation   TPC is in effect and there are transactions on PET status. This is followed by the ADAN4B message displaying the original TT value.

ADAN4D	TRANS TIMER elapsed
Explanation	The timer specified by TRESUME in the ADADBS TRANSACTIONS SUSPEND process has been exceeded. The database returns to normal processing. This message is followed by the ADAN4F message.

ADAN4E	Updates stopped. TRESUME={time-limit}
Explanation	ET-SYNC has occurred for the SUSPEND function and updates are discontinued until either the RESUME function is issued or the timer specified by TRESUME expires.

ADAN4F	Normal processing resumes
Explanation	The database once again accepts and processes update commands as a result of either the RESUME function or a timeout.

ADAN50	Excluded files: {file1} ...
Explanation	This message documents the files that were excluded from autorestart due to the ADARUN AREXCLUDE parameter. These files remain unavailable for normal users and must be recovered (restore - regenerate).

ADAN51	{{operator}	{aos-user}} typein: {command}
Explanation	Adabas repeats the operator command "command" before continuing. The second message is written for an operator command issued by an Adabas Online System user.

ADAN52	Partially inverted descriptor {present	released descriptor={descriptor}, file={fnr}
Explanation	During session start, the nucleus detected the specified descriptor of the file *fnr* left over from an incomplete online invert operation. If the previous session terminated abnormally, the nucleus automatically releases the incomplete descriptor.
Action	If the nucleus did not release the descriptor and no regenerate on the file in question is to follow, release the incomplete descriptor using the AOS or ADADBS RELEASE function.

ADAN53	DBID waiting to serialize ({rrrddddd})
Explanation	The nucleus is trying to perform an action that only one nucleus or utility can do at a time. Another nucleus or utility is performing a similar action at the moment, so this nucleus must wait. *rrrddddd* identifies the logical resource used for serialization. The resource name comprises three letters followed by five digits representing the database ID. Possible resource names include:

■ SSE*ddddd* for serializing nucleus session start and end.

■ DIB*ddddd* for serializing DIB updates.

■ FST*ddddd* for serializing FST updates.

Action	None required. This message is for information only.
	If the nucleus hangs after displaying this message, another nucleus or utility is blocking the logical resource specified in the message. Identify the other job and either allow it to continue or terminate it.

ADAN54	**DBID global serialization error ({rrrrrrrr})** **DBID IOR FUNCTION = {x'ff'}, RESPONSE = {x'cc'}**
Explanation	An attempt to lock or unlock a logical resource failed. The ADAIOR function number was *ff* (in hexadecimal), its response code *cc* (in hexadecimal). Depending on the circumstances, the nucleus terminates abnormally or ignores the error.
Action	This is an unexpected error. Contact your Software AG technical support representative.

ADAN55	**Recovery data found on work dataset(s)**
Explanation	During session start (or, with Adabas nucleus clusters, during online recovery), the Adabas nucleus found recovery data on the Work data set (or Work data sets, in the case of nucleus clusters) that is needed to recover the database from a previous failure. The nucleus performs session autorestart logic.

ADAN56	**Backward repair done** **Forward repair done** **Autobackout done**
Explanation	These messages are printed in series when different phases of the session autorestart have been completed successfully. Session autorestart repairs physical inconsistencies in the database, redoing updates belonging to completed transactions and backing out updates belonging to incomplete transactions.

ADAN57	**{dbid}{ date} {time} WK4 (DTP) GETMAIN failed** **{dbid}{ date} {time} WK4-area (DTP) too small** **{dbid}{ date} {time}** **WORK4-index too small** **Increase the LDTP-parm and rerun** **DTP=RM nucleus: GETMAIN failed** **Increase the region size and rerun**
Explanation	Various message texts can appear for this message number. The explanation and action for each is given in the following table.

Message Text	Explanation	Action
dbid date time WK4 (DTP) GETMAIN failed	A nucleus with support for distributed transaction processing (DTP=RM) was performing the session autorestart after an abnormal termination. The nucleus was trying to allocate virtual storage for the processing of transactions for which the preliminary ET (PET) but not the final ET (FET) had been given. The storage allocation request failed, probably due to insufficient virtual storage being available to the nucleus address space.	Increase the region size, or decrease the size of a large pool (such as the buffer pool -- LBP), and restart the nucleus.
dbid date time WK4-area (DTP) too small	A nucleus with support for distributed transaction processing (DTP=RM) was performing the session autorestart after an abnormal termination. The nucleus was trying to copy transactions to Work part 4 for which the preliminary ET (PET) but not the final ET (FET) had been given. Work part 4 was too small to keep the protection data for all these transactions.	Increase the LDTP parameter and restart the nucleus.
dbid date time WORK4-index too small Increase the LDTP-parm and rerun DTP=RM nucleus: GETMAIN failed Increase the region size and rerun	An error occurred during nucleus startup at the time of DDWORKR4 interpretation. **Note:** DDWORKR4 must be interpreted before the system autorestart is done.	Adjust the startup JCL as requested in the message so DDWORKR4 is interpreted before the system autorestart and rerun the job.

ADAN58   **Buffer-flush start record detected during autorestart. The nucleus will terminate after autorestart. In case of power failure, the database might be inconsistent because of partially written blocks. Only in this case, repair the database by restore and regenerate; Otherwise restart the nucleus.**

Explanation   An autorestart operation found that a buffer flush was being performed when the action that caused the autorestart occurred; the buffer flush was therefore incomplete. The nucleus completes autorestart processing before terminating.

■ If the cause of the autorestart was a power failure, the database may be inconsistent in a way that cannot be repaired by autorestart.

- If the cause of the autorestart was not a power failure, the database has already been made consistent and needs only to be restarted.

Action   If a power failure caused the autorestart and your storage subsystem does not guarantee that no block is partially written, perform the following utility operations to ensure database consistency:

- ADASAV RESTORE (database)
- ADARES REGENERATE

If your storage subsystem technology does guarantee that no block is partially written, even in the case of power failure, there is no need to restore/regenerate after this message is received: simply restart the nucleus.

You may restrict the RESTORE - REGENERATE to the files modified by autorestart (see the ADAN5A message) but be sure to run the REGENERATE FILE with transaction logic (autobackout at the end of the regenerate) by specifying the ADARES parameter CONTINUE.

If the autorestart operation was not caused by a power failure, do not perform the utility operations described above. Simply restart the nucleus.

ADAN59   **Abend UCODE at address [= module+offset]**
register-00 register-01 register-02 register-03 (r0-r3)
register-04 register-05 register-06 register-07 (r4-r7)
register-08 register-09 register-10 register-11 (r8-rb)
register-12 register-13 register-14 register-15 (rc-rf)

Explanation   An internal error occurred that caused the nucleus to terminate abnormally. The message shows the abend code and the address, if possible also the module and offset, where the error was detected, as well as the contents of the general registers at that time.

Action   Contact your Software AG technical support representative.

ADAN5A   **Files modified during autorestart: {none | {file-list} }**

Explanation   During nucleus startup, an autorestart was performed that modified the files listed in the message text.

ADAN60   **ARM element {element-name} successfully registered/deregistered**

Explanation   The ARM ELEMENTNAME parameter has been specified and the nucleus has successfully registered or deregistered this element with the Automatic Restart Manager (ARM).

| ADAN61 | **ARM registering /deregistering failed** |
| | **ARM reason code=X"{xxxx}"** |

Explanation   The ARMELEMENTNAME parameter has been specified, but registering or deregistering with the Automatic Restart Manager (ARM) has failed. ARM has returned the reason code shown. The possible reason codes are described in the IBM manual *MVS Programming Sysplex Services Reference*. Common reason codes include:

- X`002C' The ARMELEMENTNAME parameter value is invalid.
- X`013C' The Adabas nucleus has improper SAF authorization to register with ARM.
- X`0150' ARMELEMENTNAME is not unique across the sysplex.
- X`0004' The system does not support ARM.

The nucleus ignores the error and continues processing.

Action   Look up the meaning of the reason code. If this explains the error, correct it. Otherwise, contact your systems programmer or your Software AG technical support representative.

| ADAN62 | **FNR={fnr} A= U= ID= CA= CU=** |

Explanation   This message is displayed in response to the DNFV operator command.

- FNR supplies the file number
- A is set to either "Y", indicating that the file is being used by access-only users, or blank, indicating that it is not being used by access-only users.
- U is used in the same way as A, but indicates usage by update users.
- ID shows the ID of the database which has exclusive control over the file
- CA provides the count of how many access-only users are using the file.
- CU is the count of how many update users are using the file.

| ADAN65 | **TSP subsystem ({nn}) {name} has abended** |

Explanation   The triggers and stored procedures facility has been activated for the current session. However, subsystem number *nn*, batch Natural nucleus *name*, terminated abnormally and will not restart.

Action   Determine the cause of the abend and correct the problem.

ADAN69	{date} {time} BASE AND LOB FILE ARE OUT-OF-SYNC BASE FNR={base-fnr,} UPDATE STATUS={upd-status1} LOB FNR={lob-fnr}, UPDATE STATUS={upd-status2}
Explanation	A LOB file group consisting of a file with LB fields (base file) and a file containing the associated LB field values (LOB file) has become inconsistent. An illogical sequence of utility operations has exported (saved, restructured, unloaded) the files from, and subsequently reimported (restored, stored, loaded, defined) them into the database in a way that the two files no longer reflect the same point in time during processing. The base and LOB file have gotten out-of-sync. It is possible that the base file contains references to LB field values that should be, but are not, stored in the LOB file. Also, the LOB file may contain LB field values that should be, but are not, referenced by records in the base file.
Action	Investigate the cause of the base and LOB file getting out-of-sync. Take corrective action, such as reloading or restoring both files, depending on the findings. If necessary, you can use the following function to just mark the two files as being back in sync:

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

ADAN70	**Retry to switch PLOG/CLOG**
Explanation	The nucleus is retrying the attempt to switch PLOGs or CLOGs. The retry is performed when the FEOFPL/CL attempt is made and there is currently no free PLOG or CLOG.
Action	Submit an ADARES PLCOPY or CLCOPY to copy the appropriate data sets.

ADAN76	**I/O-error { ASSO	DATA	WORK } RABN={rabn-number}**
Explanation	The Adabas nucleus detected an internal I/O error.
Action	Contact your Software AG technical support representative.

ADAN77	**Security violation. USER={userid} JOBNAME+-={jobname} ETID={et-id}**
Explanation	User *userid* attempted to use a file for which that user is not authorized. The active job is *jobname*.
Action	Refer to the command log entry for the failed command to determine if any corrective action is needed.

ADAN78	**Function extent** **Nucleus terminated after { ASSO	DATA } function**
Explanation	The function INCREASE or ADD for an Associator or Data Storage extent has been performed by the nucleus. The nucleus terminates and permits the newly added part of the Associator to be allocated and formatted, which is necessary before another Adabas session can be started and the new extent can be used.

Action	Perform the necessary allocation/reformatting utility operations, and then restart the nucleus.

ADAN79	**I/O - error during asynchronous buffer flush ADAIOR-RESP = {hex-resp} the nucleus terminates with dump**
Explanation	An I/O error occurred during asynchronous buffer flush operation. The nucleus ends operation.
Action	Correct the cause of the I/O error.

ADAN7A	**ECS error {error-code} in function {ecs-function}**
Explanation	ECS is the Entire Conversion Services, a subsystem of the Adabas universal encoding support (UES) system. This message is written after a function of the subsystem has failed.
	Error codes produced by the ECS component are described in *Universal Encoding System (UES) Component Error Codes*, elsewhere in this guide.
	The following ECS functions may return errors:

ECS Function	Description
ECS LOAD	An error loading ECS. Check that the ECS load module is in the Adabas load library.
COX LOAD	An error loading ADACOX, which is loaded if the database is UES-enabled. ADACOX is the Adabas conversion exit for special conversions.
APS INIT	An error occurred during APS (POSIX Services) initialization. Verify that the APS library is in the load library concatenation and/or that the APS parameters are specified in SYSPARM.
SLIBLOAD	An error loading SAGECS, SAGOVO, or SAGSMP2. Check that these modules from the Software AG base technology library can be found in the load library concatenation.
DDECSOJ	An error occurred during initialization while reading ECS standard conversion objects. Check that the nonexecutable binary ECS conversion object library is specified in the DDECSOJ DD statement of the JCL.
GETHANDLE *nnnn*	An error occurred reading the ECS encoding descriptor object EDDnnnn. Check that the nonexecutable binary ECS conversion object library is specified in the DDECSOJ DD statement of the JCL. Check that EDDnnnn is contained in the library. If it is not, then either an invalid number was specified or the object is missing and must be added.
GETHANDLE *mmmm/nnnn*	See the GETHANDLE *nnnn* explanation. In this case, an ECS plane table object (PTO) is missing T*xxx*2*yyy* where *xxx* or *yyy* are the hexadecimal value of the decimal *mmmm* or *nnnn*, respectively. For

ECS Function	Description
	some conversion combinations, it may be necessary to request additional PTOs from your Software AG support representative.

Action   Resolve the problem and try again.

ADAN7C   **Entire conversion services {v.r.s }initialized**

Explanation   The specified version of Entire Conversion Services was successfully initialized.

ADAN7D   **Collation exit {nn} initialized**

Explanation   The specified collation descriptor user exit was successfully initialized.

ADAN80   **ADABAS dynamic caching environment established**

Explanation   Adabas Caching Facility was successfully initialized.

ADAN80   **ADABAS dynamic caching virtual 64 environment available**

Explanation   Adabas Caching Facility determined that 64-bit virtual storage is available for use.

ADAN80   **ADACSH active for work part 2 and work part 3 only**

Explanation   In an Adabas nucleus cluster environment prior to version 7.2, caching is available only for Work parts 2 and 3.

ADAN81   **Warning: not all blocks of the DB are allocated and formatted - run ADAREP to check the DB's size**

Explanation   The highest RABN of an ASSO or DATA extent, as defined in the GCBs, is not readable. Most likely, an Adabas Online System or ADADBS INCREASE function was performed without allocating and formatting the new database area. The nucleus continues. Any attempt to access an unallocated area of the database causes an I/O error.

Action   Ensure that the defined extents are completely allocated and formatted.

ADAN81   **No statistics available for file {file-number} file not used**

Explanation   An attempt was made to change cache space parameters for a file without first deleting its existing cache space.

Action   Delete the existing cache space for the file; then add a new cache space with the changed parameters.

ADAN81	**(see explanation below)**
Explanation	This message displays the output of the CSTAT, CFSTAT, and CSUM operator commands of the Adabas Caching Facility. See the Adabas Caching Facility documentation for more information.

The CSTAT command is used to display the current cache space statistics. A sample report display is shown below:

```
+------------------------------------------------------+
+ 005 DATA SPACE, DATA, RABNS 81 THRU 135              +
+------------------------------------------------------+
+ ALLOCATED, LA=17:04:26                               +
+------------------------------------------------------+
+         253 CACHE WRITES  +           47 BLKS IN CACHE +
+          47 READ EXCPS    +      172,032 DATA SPC SIZE +
+         408 CACHE READS   +           55 BLKS/DATA SPC +
+         455 TOTAL READS   +         1320 INDXSPCE SIZE +
+        89.6 DSP EFFICIENCY+      167,936 MAX DSP USED  +
+    0.071810 MAX NIOT (SEC)+     0.698682 MAX EXCPT(SEC)+
+    0.000080 MIN NIOT (SEC)+     0.009600 MIN EXCPT(SEC)+
+    0.000245 AVE NIOT (SEC)+     0.167286 AVE EXCPT(SEC)+
+------------------------------------------------------+
```

The CFSTAT command is used for file-level caching to display the current cache space statistics for one or more files. When file-level caching is active, a report is produced for each RABN range associated with the file request. A sample report display is shown below:

```
+------------------------------------------------------+
+ FNR 00001 AC CL1 EXT RABNS 91 THRU 93                +
+------------------------------------------------------+
+   ALLOCATED, LA=09:55:36                             +
+------------------------------------------------------+
+          60 CACHE WRITES  +            0 BLKS IN CACHE +
+           2 READ EXCPS    +   32,767,404 EXTM  SIZE    +
+          52 CACHE READS   +       16,351 BLKS/EXTM     +
+          54 TOTAL READS   +           28 RABN TAB SIZE +
+        96.2 ESP EFFICIENCY+        4,008 MAX ESP USED  +
+    0.001503 MAX NIOT (SEC)+     0.092800 MAX EXCPT(SEC)+
+    0.000018 MIN NIOT (SEC)+     0.092071 MIN EXCPT(SEC)+
+    0.000062 AVE NIOT (SEC)+     0.092435 AVE EXCPT(SEC)+
+------------------------------------------------------+
```

The CSUM command is used to display, for a session, the accumulated cache summary for all active and inactive cache spaces, including statistics from previously deleted cache spaces. A sample report display is shown below:

```
+-------------------------------------------------------+
+ A D A B A S DYNAMIC CACHING SESSION SUMMARY          +
+        52.5 CURRENT ADABAS BUFFER EFFICIENCY          +
+         7.2 PROJECTED NON-CACHE BUFFER EFFICIENCY     +
+           3 ACTIVE CACHE SPACES                       +
+           4 CACHE SPACES DEFINED                      +
+ ------------ -----ASSO---- -----DATA---- -----WORK---- +
+ CACHE WRITES       27,367        6,674          212 +
+   READ EXCPS          78          444            0 +
+  CACHE READS       27,288        6,203        4,865 +
+  TOTAL READS       27,366        6,647        4,865 +
+   EFFICIENCY         99.7         93.3        100.0 +
+-------------------------------------------------------+
```

ADAN82	**Status switch** **readonly = {yes | no}**
Explanation	The READONLY status of the nucleus has been switched. This message occurs as a response to the operator command or Adabas Online System function READONLY.

ADAN83	**status switch** **utionly = {yes | no}**
Explanation	The "utility use only" (UTIONLY) status of the nucleus has been switched. This message occurs as a response to the operator command or Adabas Online System function UTIONLY.

ADAN84	**LP parameter has been increased, additional** **Protection area blocks are being formatted.**
Explanation	The ADARUN LP parameter was increased in the current Adabas session. Therefore, additional Work part 1 RABNs had to be formatted.
Action	None required. Consider increasing the Work data set to ensure that sufficient Work part 3 space is available.

ADAN85	**Work part 4 problem detected during start-up** **{dbid} {date} {time} DTP = RM** **initialisation problems:**
Explanation	Various message texts can appear for this message number. The explanation and action for each is given in the following table.

Message Text	Explanation
Work part 4 problem detected during startup	During system startup and Work part 4 interpretation of a nucleus defined with DTP=RM, a problem was detected with Work part 4. This message is following by ADAN86.
dbid date time DTP = RM INITIALISATION PROBLEMS:	A problem was detected during DDWORKR4 interpretation.

Action   Examine error ADAN86 for the cause of the error.

ADAN86   **WK4 I/O error was detected**
{ rabn=__ ior-resp=__ | resp-code=__ subcode=__ }
{dbid} GETMAIN (TBWK4) failed
{dbid} File-list pool too small
{dbid} User-queue too small
{dbid} Physical-WORKR4-name unequal
in the cluster
{dbid} Nucleus response code detected:
RESP-CODE={rc} , SUBCODE={sc}
{dbid} WORK4 size is diff. to last session
BUT/AND IGNDTP not defined
{dbid} WORK4 I/O-error:
RABN= {rabn} IOR-RESP= {resp}
{dbid}GCB contains WORK4 definition
but: DTP=NO, IGNDTP=NO
Parameter conflict
{dbid} - MODE=SINGLE but last session run with DTP=RM
- DTP=NO but WORKR4 defined

Explanation   Various message texts can appear for this message number. The explanation and action for each is given in the following table.

Message Text	Explanation	Action
WK4 I/O error was detected { rabn=__ ior-resp=__	resp-code=__ subcode=__ }	During system startup and Work part 4 interpretation of a nucleus defined with DTP=RM, a Work part 4 I/O error was detected. This message follows ADAN85 and indicates either the RABN location and ADAIOR response code of the error or the nucleus response code and subcode of the error.	Determine the cause of the error, correct it, and rerun the job.
dbid GETMAIN (TBWK4) failed	If DTP=RM is specified, an additional GETMAIN is needed	Increase the GETMAIN and rerun the job.

Message Text	Explanation	Action
	to allocate the tables used by a DTM=RM nucleus.	
dbid File-list pool too small	The UQEFLIST_POOL, an extension of the user queue, is too small to receive all file definitions found on DDWORKR4.	Increase the number of user queue elements using the ADARUN NU parameter and rerun the job.
dbid User-queue too small	The user queue is too small to receive all user queue elements found on DDWORKR4.	Increase the number of user queue elements using the ADARUN NU parameter and rerun the job.
dbid name unequal in the cluster	The DDWORKR4 data set is a container file. All nuclei in a cluster must use the same DDWORKR4 data set. A subsequently started nucleus used an invalid DD statement. The nucleus will not come up.	Correct the DD statement and rerun the job.
dbid nucleus response code detected: RESP-CODE=*rc*, SUBCODE=*sc*	A nucleus response code was detected. The nucleus will go down.	Determine the cause of the error, correct it, and rerun the job.
dbid WORK4 size is diff. to last session BUT/AND IGNDTP not defined	The DDWORKR4 data set size is unequal to the size of the last session, but the data set is not empty.	Correct the DDWORKR4 DD statement and rerun the job.
dbid WORK4 I/O-error: RABN= *rabn* IOR-RESP= *resp*	The nucleus will go down.	Determine the cause of the error, correct it, and rerun the job.
dbid GCB contains WORK4 definition but: DTP=NO, IGNDTP=NO	The nucleus will not come up.	Determine the cause of the error, correct it, and rerun the job.
dbid Parameter conflict - MODE=SINGLE but last session run with DTP=RM - DTP=NO but WORKR4 defined	A parameter conflict exists, as described in the message text.	Correct the parameter conflict and rerun the job.

Action   User actions are given in the explanation.

ADAN87   **WK4 area too small**
        The nucleus will terminate
        Increase LDTP parm and rerun
        {dbid} {date} {time} DDWORK4 too small
        The nucleus will terminate.
        Rerun with a bigger dataset-size.

Explanation   Various message texts can appear for this message number. The explanation and action for each is given in the following table.

Message Text	Explanation	Action
WK4 area too small The nucleus will terminate Increase LDTP parm and rerun	During startup of a nucleus defined with DTP=RM when it is necessary to copy partially completed transactions or during an ADARES REGENERATE for all files, insufficient space was available in Work part 4 to reestablish the previous environment. Because the nucleus cannot reestablish the previous environment and cannot terminate the incomplete transaction(s) heuristically, it terminates.	Increase the size of the Work part 4 area using the ADARUN LDTP parameter and rerun the job.
dbid date time DDWORK4 too small The nucleus will terminate. Rerun with a bigger dataset-size.	A utility with exclusive database control is running. The nucleus will terminate with this message, followed by the U019 abend dump.	Increase the size of DDWORKR4 and rerun the job.

Action   User actions are given in the explanation.

ADAN88   **(rm=yes) abend**
        {dbid} {date} {time} (DTP=RM) ABEND

Explanation   During initialization of a nucleus defined with DTP=RM, a logic error was detected while executing DTP functions.

        The nucleus terminates abnormally with abend 19. The registers at entry to the abend and the load addresses of ADANC0-ADANCB are printed.

Action   Contact your local Software AG technical support representative.

ADAN89   **{dbid} {date} {time} DTP support**
WORKR4 open error
WORKR4 I/O-error: RABN={rabn}
WORKR4 close-error
{dbid} {date} {time}DTP-database:
Heuri. terminated user is moved:
{userid}

Explanation   Various message texts can appear for this message number. The explanation and action for each is given in the following table.

Message Text	Explanation	Action
dbid date time DTP support WORKR4 open error WORKR4 I/O-error: RABN=*rabn* WORKR4 close-error	An I/O error occurred for the DDWORKR4 data set.	Check the DDWORKR4 data set or the nucleus JCL definition for DDWORKR4 to identify the problem. Then fix the problem and rerun the job.
*dbid date time*DTP-database: Heuri. terminated user is moved: *userid*	A LOCAL HALT or LOCAL ADAEND request must move the HEURI users to the next available Adabas nucleus. The cluster must not lose knowledge of those users.	No action is required for this informational message.

Action   User actions are given in the explanation.

ADAN8A   **file already being cached**

Explanation   The file specified for caching is already being cached by Adabas Caching Facility. This error can occur if you use operator or Adabas Online System commands in an attempt to define different types of memory to cache Associator and Data Storage RABNs of the same file.

Action   It is possible at startup using ADARUN CFILE parameters to specify different types of memory to cache Associator and Data Storage RABNs of the same file. However, once a memory type is set for caching any RABNs of a file, Adabas Online System and operator commands do not allow you to specify any other memory type for the same file. If you want to change the memory type for the file, you must delete the existing cache space and then add a new one with different parameters.

ADAN8B	**Device constants could not be acquired.**
Explanation	ADACSH (Adabas Caching Facility) could not acquire the Constant Set during initialization..
Action	Contact your local Software AG technical support representative.

ADAN8C	**Memory allocation failure or insufficient space available**
Explanation	ADACSH could not acquire space for its working areas. Adabas Caching Facility is not started and the associated message ADAN8H is displayed.
Action	Increase the region, partition, or address space size.

ADAN8D	**{zzz} ({aaaa}) cache active**
Explanation	A RABN range has been activated. This generally occurs when Adabas writes a RABN from its buffer pool to cache storage.

Message Variable	Description
zzz	The type of RABN range ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64; or "FNR" for file-related)
aaaa	The type of RABN range storage ("ASSO", "DATA" or "WORK")

ADAN8E	**{track	hiperspace} I/O buffer allocation failure** **CSP (ASSO) RABNINDX allocation failure**
Explanation	Adabas Caching Facility could not allocate storage for the track or hiperspace I/O buffer, or for RABNINDX blocks. When the track I/O buffer is not available, a RABN I/O request being considered for read-ahead caching is issued normally. When the hiperspace I/O buffer is not available, caching using hiperspaces is not possible. When the RABNINDXes for a cache space area are not available, the attempt to allocate the associated cache space area fails and is not attempted again until at least CRETRY seconds have elapsed.
Action	Increase the region, partition, or address space size.

ADAN8H	**ADABAS dynamic caching is -not- in service**
Explanation	Adabas Caching Facility was not activated due to a previous parameter specification or error condition.

ADAN8J   **CSP {nnn} ({aaaa}) released due to parallel utility operation**
               {xxx} BLKS released due to parallel utility on FNR {y}

Explanation   Depending on the utility, Adabas Caching Facility acted to maintain database integrity
                  by releasing an entire cache space or a number of cache blocks because of a parallel
                  utility operation.

Message Variable	Description
nnn	The cache space number
aaaa	The type of RABN storage: "ASSO", "DATA" or "WORK"
xxx	The number of blocks released
y	The file that owned the released blocks

ADAN8K   **{zzz} ({aaaa}) released after exceeding non-activity time limit**

Explanation   A cache storage area was released after it was inactive for a continuous elapsed time
                  period of CCTIMEOUT seconds.

Message Variable	Description
zzz	The type of cache space area ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64)
aaaa	The type of RABN storage: "ASSO", "DATA" or "WORK".

ADAN8L   **{zzz} {nnnnn} ({aaaa}) active, RABNS {xxx} thru {yyy}**

Explanation   This message is displayed whenever a RABN range is activated. This generally occurs
                  when Adabas writes a RABN from its buffer pool to cache storage.

Message Variable	Description
zzz	The type of RABN range ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64; or "FNR" for file-related)
nnnnn	The file number when *zzz* is "FNR"; otherwise, the RABN range ID
aaaa	The type of RABN range storage ("ASSO", "DATA" or "WORK")
xxx,*yyy*	The RABN range, with *xxx* representing the starting value and *yyy* representing the ending (and inclusive) value.

ADAN8M   **{zzz} ({aaaa}) size extended to {yyy} bytes**
             {zzz} ({aaaa}) extension failed

Explanation   An attempt was made to add an additional cache storage area for a cache space.

Message Variable	Description
zzz	The type of cache space area ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64)
aaaa	The type of cache space area storage ("ASSO", "DATA" or "WORK")
yyy	The size of new area, in bytes

When the request is successful, the additional storage is available for the cache space and "yyy" reflects the size of the new area which is equal to the current CASSOMAXS or CDATAMAXS setting.

If unsuccessful, the system simply uses the storage areas already allocated for the cache space until CRETRY seconds pass. Then another attempt is made to add a new storage area for the cache space if this is still required.

Action   Check with the system programmer; the extension failure may be due to insufficient ESA capabilities (memory or page data sets), or too many data spaces or hiperspaces allocated at one time.

ADAN8O   **AOS operator command: {xxxxx}**

Explanation   An Adabas Online System (AOS) operator issued a command to change one of the Adabas Caching Facility system parameters.

Message Variable	Description
xxxxx	Change as follows: CASSOMAXS=new size CDATAMAXS=new size CCTIMEOUT=new value CDISPSTAT=YES/NO CRETRY=new value CBUFNO=new value CEXCLUDE=exclude list CINCLUDE=include list

ADAN8P   **{zzz} {nnnnn} ({aaaa}) disabled after exceeding non-activity time limit**

Explanation   Demand caching is in effect and a RABN range or file has been inactive for a period longer than the CCTIMEOUT specification.

Message Variable	Description
zzz	The type of RABN range ("DSP" for data space, "ESP" for extended memory, "HSP" for hiperspace; "V64" for virtual 64; or "FNR" for file-related)
nnnnn	The file number when *zzz* is "FNR"; otherwise, the RABN range ID

Message Variable	Description
aaaa	The type of RABN range storage ("ASSO" only, "DATA" only, "WORK", or "BOTH" if both ASSO and DATA are cached for the file)

ADAN8Q   **Hiperspace READ/WRITE error. RETCODE = {nn}**

Explanation   An error occurred during the processing of a hiperspace cache request. The system return code from the request (*nn*) is given in the message.

Generally speaking, this error causes a request to write to or read from a hiperspace cache to fail. In most cases, the system can continue by reading the RABN from disk or writing, ignoring the request from the nucleus.

However, where Work parts 1 or 2 are being cached 100%, the failure of a request to return a cached RABN may have more serious consequences because there is no copy of the RABN on disk and therefore the I/O cannot be satisfied.

Action   Determine if the error was caused by some event or problem in the system that could impact on hiperspaces used by Adabas Caching Facility. If there is nothing evident, report the error and the circumstances surrounding the error to your Software AG technical support representative.

ADAN8R   **Insufficient storage for {xxxx}**

Explanation   An attempt to allocate dynamic storage in extended memory failed due to a shortage of space in extended memory.

Message Variable	One of the following for which the storage was intended:	
xxxx	File table	Table of file control block entries
	File control block	Required for file caching
	RABN extent block	Required to define one RABN extent
	RABN table	Required to described RABNs cached
	RABN table expansion	Required when file becomes larger

Action   Review your storage estimates to insure that there is sufficient storage available for the parameters specified.

ADAN8R	**Hiperspace WRITE error. RETCODE = nn**
Explanation	The write to hiperspace operation returned a nonzero condition code. The requested RABN is not written to hiperspace and is flagged as unused.
Action	No operator intervention is required.

ADAN8S	**{zzz} ({aaaa}) allocate failed. RETCODE = {nn}**
Explanation	An attempt to allocate the first storage block for a cache area failed.

Message Variable	Description
zzz	The type of cache space area ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64)
aaaa	The type of cache space area storage ("ASSO", "DATA", or "WORK")
nn	The return code from the system function used to allocate the storage.

No storage is available for caching the RABNs for which the cache storage allocation was attempted. The situation continues at least until CRETRY seconds have elapsed and another attempt to allocate the storage is made, if required.

Action	Check with the system programmer; the allocation failure may be due to insufficient memory or page data sets or too many data spaces and/or hiperspaces allocated at one time.

ADAN8T	**{zzz} {nnnnn} ({aaaa}) {xxxx} by {yyyy} command** **{zzz} {nnnnn} ({aaaa}) not {xxxx} due to conflicts**
Explanation	An operator command was received and was either successfully completed or not.

Message Variable	Description	
zzz	The type of RABN range ("DSP" for data space, "ESP" for extended memory, "HSP" for hiperspace; "V64" for virtual 64; or "FNR" for file-related)	
nnnnn	The file number when *zzz* is "FNR"; otherwise, the RABN range ID	
aaaa	The type of RABN range storage ("ASSO" only, "DATA" only, "WORK", or "BOTH" if both ASSO and DATA are cached for the file)	
xxxx	The operation requested by the command. Valid values are:	
	ADDED	CASSOxxx, CDATAxxx, or CFILE command
	CHANGED	CCHANGE command
	DELETED	CDELETE command
	DISABLED	CDISABLE command
	ENABLED	CENABLE command

Message Variable	Description	
yyyy	The command requesting operation *xxxx* was issued by either:	
	AOS OPER	An Adabas Online System user; or
	OPERATOR	The operator.

Action   If the command was unsuccessful, check DDPRINT for warning messages to determine why the command failed. Alternately, insure that the syntax used for the command is correct.

ADAN8U   **{zzz} {nnnnn} ({aaaa}) enabled on demand**

Explanation   This message is displayed for each inactive RABN range or file that is enabled when the Adabas buffer efficiency drops below the specified CDEMAND threshold level.

Message Variable	Description
zzz	The type of RABN range ("DSP" for data space; "ESP" for extended memory; "HSP" for hiperspace; "V64" for virtual 64; or "FNR" for file-related)
nnnnn	The file number when *zzz* is "FNR"; otherwise, the RABN range ID
aaaa	The type of RABN range storage ("ASSO" only, "DATA" only, "WORK", or "BOTH" if both ASSO and DATA are cached for the file)

ADAN8V   **{parameter list}**

Explanation   This message is displayed in response to the CPARM operator command. The parameters displayed are:

Parameter	Description
CASSOMAXS	maximum ASSO cache space size
CDATAMAXS	maximum DATA cache space size
CDISPSTAT	display to console option
CDEMAND	Adabas buffer efficiency threshold
CMAXCSPS	maximum number of cache spaces
CRETRY	retry time interval
CCTIMEOUT	non-activity time limit
CWORKSTORAGE	Work parts 2 and 3 cache type
CWORK2FAC	Work part 2 cache space factor
CWORK3FAC	Work part 3 cache space factor

ADAN8W	FNR nnnnn (aaaa) synchronized
Explanation	When Adabas Caching Facility first accesses a RABN belonging to a file to be cached, it learns about the extents and RABNs associated with the file and synchronizes its view of the file with the file's FCB.
	If ADASCR detects that the structure of the file has changed (e.g., a new extent is added), ADASCR resynchronizes its view of the file at the next possible opportunity and issues this message.

nnnnn	file number
aaaa	what is being cached for the file (ASSO only, DATA only, or BOTH if both ASSO and DATA are being cached)

ADAN8Y	File-level caching initialized
Explanation	File-level caching is active for the current nucleus.

ADAN8Z	Logic error in ADACSH+{xxxxxxxxx}
Explanation	A logic error occurred during Adabas Caching Facility processing.
Action	Report the error and the hexadecimal offset to your Software AG technical support representative.

ADAN90	TSP GETMAIN failed
Explanation	The Adabas trigger driver was unable to obtain enough storage within the region or address space to set up its I/O buffers.
Action	Determine the source of the problem and correct it. Try increasing the region size for the MPM.

ADAN91	TSP GETMAIN failed. Increase REG. size
Explanation	The Adabas trigger driver was unable to obtain enough storage within the region or address space to set up its I/O buffers.
Action	Increase the region size for the MPM.

ADAN92	TSP initialization completed
Explanation	The triggers and stored procedures facility was initialized successfully. Commands for detecting triggers are now processed.

ADAN92	**TSP trigger refresh in progress**
Explanation	A request to refresh the trigger table buffer was made and the Adabas system is being quiesced in order to perform this function.

ADAN93	**TSP has been deactivated via AOS (SYSTRG)**
Explanation	The ADARUN parameter SPT=YES was specified; however, because the database administrator has overridden this using the Adabas triggers subsystem, triggers will not be activated.
Action	To reactivate triggers, access the Adabas triggers subsystem function "modify profile information" (located on the Miscellaneous Functions Menu), and change the triggers status field in the profile to "active".

ADAN93	**TSP cannot be run in single user mode**
Explanation	The Adabas nucleus has been started with SPT=YES and MODE=SINGLE. This is not allowed.
Action	Start the nucleus with MODE=MULTI in the ADARUN parameters (DDCARD), or specify SPT=NO.

ADAN93	**TSP incurred an internal error with cluster**
Explanation	During the startup of the Adabas trigger driver, certain communication must occur with Adabas Parallel Services if it is active. The Adabas trigger driver was unable to complete the communication.
Action	After obtaining a dump, contact your Software AG technical support representative and report the error.

ADAN93	**TSP trigger refresh completed**
Explanation	The trigger table buffer was refreshed. The triggers have been reloaded and the Adabas nucleus will continue to run normally.

ADAN93	**TSP trigger refresh incurred an error**
Explanation	During the refresh of the trigger table buffer, an error occurred. This error was identified by a previous console message. The error causes an inconsistent state in the triggers subsystem that necessitates a shut-down as indicated in the error action option setting in the profile.
Action	Review previous console messages to determine the error. Correct it and, if necessary, restart the nucleus to restart the triggers subsystem.

ADAN94	**TSP unable to read the trigger file FDT**
Explanation	During the triggers initialization process, Adabas needs to read the trigger file FDT; however, the FDT could not be found. As a result, triggers will not be activated.
Action	Determine the reason why the FDT could not be found and correct the problem. Ensure that the file was correctly loaded as a system file.

ADAN95	**TSP unable to read the trigger file FCB**
Explanation	During the triggers initialization process, Adabas needs to read the trigger file FCB; however, the FCB could not be found. As a result, triggers will not be activated.
Action	Determine the reason why the FCB could not be found and correct the problem. Ensure that the file was correctly loaded as a system file.

ADAN96	**TSP incurred resp xxx reading triggers**
Explanation	During the triggers initialization process, Adabas needs to read the entries from the trigger file; however, a nonzero response code was received. As a result, triggers will not be activated.
Action	Determine the source of the problem; that is, analyze the response code and take the necessary action to resolve the problem.

ADAN97	**nucleus will terminate with U021 dump due to internal autorestart failure; CMD={command}, FILE-NR={file-number}, RSP=rspcode**
Explanation	The nucleus terminates with a dump due to failure of the internal autorestart.

ADAN98	**TSP unable to find any trigger entries**
Explanation	During the triggers initialization process, Adabas needs to read the entries from the trigger file; however, no valid trigger entries were found in the file. As a result, triggers will not be activated.
Action	Verify that there are triggers defined on the trigger file and that the trigger file is set up correctly; that is, the file is loaded on the database where the error occurred.

ADAN99	**TSP unable to load all trigger entries**
Explanation	During the triggers initialization process, Adabas needs to load the entries from the trigger file into its buffer; however, the size calculated for the buffer is incorrect. The cause could be one of the following:

- triggers were added by some means other than the Adabas triggers subsystem, or

- the buffer size was not calculated or was specified incorrectly. As a result, triggers will not be activated.

Action	Recalculate the size required for the buffer. Issue the NUMBER or CHECK command from the Modify Profile screen to verify that the number is recorded correctly by

Adabas Online System. Also check the buffer size specified in the "trigger table size" field in the Adabas triggers and stored procedures profile.

ADAN99	TSP has ignored triggers gt file {nnnnn}
Explanation	An attempt was made to process triggers that are assigned to file numbers greater than the maximum acceptable file number; that is, the highest loaded file plus 10.
Action	This message is a warning. Triggers should not be assigned to file numbers greater than the maximum file number allowed.

ADAN9A	TSP CNTL data missing on TRIG file ({nnnnn})
Explanation	During the triggers initialization process, Adabas needs to read the profile definition from the trigger file; however, the profile definition could not be found. As a result, triggers will not be activated.
Action	Using the Adabas triggers subsystem, add a profile for the subsystem.

ADAN9B	TSP unable to read trigger control data
Explanation	During the triggers initialization process, Adabas needs to read the profile definition from the trigger file. However, an internal error occurred during the read. As a result, triggers will not be activated.
Action	Determine the cause of the error and correct it using the Adabas triggers subsystem. Possibly modify the profile again to ensure that it is correct.

ADAN9C	TSP could not get work area. Check LWP
Explanation	During the triggers initialization process, Adabas needs to acquire space for its buffer, but insufficient space was found. This can occur if the value specified for the LWP ADARUN parameter is too small. As a result, triggers will not be activated.
Action	Check the value specified for the LWP ADARUN parameter and increase it as appropriate.

ADAN9D	TSP no trigger file defined
Explanation	The Adabas nucleus started with SPT=YES; however, no trigger file exists for this database. As a result, triggers will not be activated.
Action	Either set SPT=NO or load a trigger file that contains at least one trigger definition onto the database.

ADAN9E	**TSP missing module for subsystem**
Explanation	During the triggers initialization process, Adabas needs to start the subsystems for the execution of procedures; however, the name specified was invalid. As a result, triggers has been deactivated.
Action	Check the batch Natural name setting in the Adabas triggers and stored procedures profile. Also ensure that the Natural nucleus module is concatenated in the JCS/JCL startup and is a loadable module.

ADAN9F	**TSP terminated the nucleus due to errors**
Explanation	A serious or fatal error occurred that created an inconsistent state in the system. The nucleus has been shut down.
Action	Review previous console messages to determine the error. Correct it and restart the nucleus to restart the triggers subsystem.

ADAN9F	**TSP has been deactivated due to errors**
Explanation	Triggers incurred one or more errors and has been deactivated. The error action taken depends on the error action setting in the Adabas triggers and stored procedures profile.
Action	Review previous console messages to determine the cause of the errors and correct the problem.

ADAN9I	**TSP subsystem ({nn}) {name} has abended / SSF error return code {code}**
Explanation	*nn* is the unique number and *name* is the name of the Natural nucleus subsystem. The specified subsystem incurred an error and terminated abnormally. The Adabas trigger driver will try three times to restart it. A subsequent message will inform the user of the type of abend.
Action	Determine the cause and resolve the problem. The return code *code* given should provide additional information.

ADAN9J	**TSP subsystem ({nn}) {name} shut down**
Explanation	*nn* is the unique number and *name* is the name of the Natural nucleus subsystem. Either a request was made to shut down the specified subsystem or three consecutive abends have occurred and the Adabas trigger driver has decided to deactivate the subsystem.
Action	Determine the cause and resolve the problem. The return code given should provide additional information.

ADAN9K   **TSP subsystem ({nn}) {name} CQE timed out**

Explanation   *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. During the processing of a trigger, it was detected that the originating command had timed out. The trigger will not be processed successfully.

Action   Retry the command.

ADAN9K   **TSP subsystem ({nn}) {name} cancelled**

Explanation   *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. The specified subsystem was cancelled when a timeout occurred for a procedure that was executing in the subsystem. The subsystem will be restarted. A previous message gives specifics about the cancellation.

Action   Determine the cause and resolve the problem. The reason code given should provide additional information.

ADAN9K   **TSP subsystem ({nn}) {name} initialized**

Explanation   *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. During the triggers initialization process, a specified number of Natural subsystems will be started for the execution of procedures. This message informs the user of the successful initialization of each subsystem.

Action   No action is required. The subsystem will wait for work.

ADAN9K   **TSP requested: {halt}**

Explanation   The Error Action field in the Adabas triggers and stored procedures profile is set to *halt*, and either a fatal error occurred or Adabas Online System requested a shut-down of the Adabas triggers subsystem.

Action   Review previous messages to determine whether a problem occurred and, if so, correct the problem.

ADAN9L   **TSP timeout on PROC {proc-name} JOB {jobname} CMD {yy} FNR {nnnnn} FIELD-UID {xxxxxxxxxxxxxxx}**

Explanation   The Adabas trigger driver determined that a triggered procedure exceeded the specified time limit. The procedure was cancelled so that processing can continue with another procedure and queueing can be prevented. UID is the last 8 bytes of the user ID in hexadecimal, as specified in the UQE.

Action   Check the procedure. Determine if it was looping, is doing too much work, or if the time-out parameter is too low. Correct the problem for the next time.

ADAN9L **TSP subsystem ({nn}) {name} shut down**

Explanation *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. The shut-down of triggers has completed successfully. This message is shown for each subsystem.

ADAN9L ***stored procedure req ** UID xxxxxxxxxxxxxxx**

Explanation The Adabas trigger driver determined that a particular stored procedure exceeded the specified time limit. The procedure has been cancelled so that processing may continue with another procedure and queueing may be prevented. UID is the last 8 bytes of the user ID in hexadecimal, as specified in the UQE.

Action Check the procedure. Determine if it was looping, is doing too much work, or if the time-out parameter is too low. Correct the problem for the next time.

ADAN9M **TSP waiting on UID {userid}**

Explanation Triggers is shutting down and must queue the subsystems. However, a procedure is still running. The user ID (UID) is provided to help the database administrator investigate a potential problem.

Action No action is necessary. However, the database administrator may not want the Adabas trigger driver to wait; therefore, the user's procedure may be stopped.

ADAN9N **TSP subsystem ({nn}) {name} cancelled**

Explanation *nn* is the unique number and *name* is the name of the Natural nucleus subsystem. Subsequent to ADAN9N, the Adabas trigger driver decided not to wait for the specified subsystem to complete processing; therefore, the subsystem was cancelled.

Action This message is for information only. No action is required.

ADAN9O **TSP subsystem shutdown in progress**

Explanation Either the nucleus is terminating (ADAEND or HALT) or the triggers and stored procedures facility has requested a halt, probably due to an error, and the Adabas trigger driver has also been requested to shut down.

Action No action is required. The user is informed that this is in progress.

ADANA1 **SMGT display active DUMP= {on | off}**

Explanation A display command is about to be processed with (ON) or without (OFF) a formatted dump.

ADANA2   **SMGT {active | not active}**

Explanation   Indicates whether the error handling and message buffering facility is active in the
                    nucleus.

ADANA3   **Abnormal termination handler {active | not active}**

Explanation   Indicates whether the error handling and message buffering facility's abnormal
                    termination handler is active.

ADANA5   **No error conditions handled**

Explanation   The error handling and message buffering facility has not encountered any of the
                    errors it is looking for.

ADANA6   **Last error occurred at: date time**

Explanation   Indicates the date (yyyy-mm-dd) and time (hh:mm:ss) of the most recent error handled
                    by the error handling and message buffering facility.

ADANA7   **Condition: {{mvs-abend-code} | rsp: {rsp-code}} location: {location}**

Explanation   Identifies the abnormal termination that has occurred or the response code that has
                    been received and indicates the location (if any) of the most recent error handled by
                    the error handling and message buffering facility. Explanations of z/OS abnormal
                    termination codes can be accessed in the *System Codes Manual* from IBM.

ADANA8   **Count executions of abnormal termination handler**

Explanation   Indicates the number of times an error or abend code is trapped and actually handled
                    by the error handling and message buffering facility.

ADANA8   **Count executions of response code handler**

Explanation   Indicates the number of times a response code is actually handled (that is, a PIN
                    routine is invoked) by the error handling and message buffering facility.

ADANA8   **Count executions of total error recovery calls**

Explanation   Indicates the total number of times the error handling and message buffering facility
                    is invoked to handle a condition (response code or abend code).

ADANA9	**Last error handled by pin pin-number**
Explanation	Indicates the PIN routine invoked by the error handling and message buffering facility to handle the most recent error encountered.

ADANAA	**{xxx} condition PIN routines recovered {yyy} errors**
Explanation	Indicates the number of condition-handling PIN routines invoked and the number of errors they recovered.

ADANAB	**{xxx} location PIN routines recovered {yyy} errors**
Explanation	Indicates the number of location-only PIN routines invoked and the number of errors they recovered.

ADANAC	**{xxx} response PIN routines recovered {yyy} errors**
Explanation	Indicates the number of response-code PIN routines invoked and the number of errors they recovered.

ADANAD	**{xxx} total PIN routines recovered {yyy} errors**
Explanation	Indicates the total number of PIN routines invoked and the number of errors they recovered.

ADANAE	**Message buffering is {active	not active}**
Explanation	Indicates whether message buffering in the error handling and message buffering facility is active.

ADANAF	**{nnn} messages in buffer from {date} {time}**
Explanation	Indicates the number of messages currently in the message buffer and the date (*yyyy-mm-dd*) and time (*hh:mm:ss*) of the oldest message.

ADANAG	**PIN {nnnn} uses: {nnnn} condition: {{mvs-abend-code}	rsp:{rsp-code}} {this pin valid for all locations {routine-name}	location: {hexno hexno (routine-name)}}**
Explanation	Provides information about an active (PIN) or inactive (*PIN) routine: the number of times used, the condition it handles (the abnormal termination that occurred or the response code that was returned), and the location(s) for which it is valid. Explanations of z/OS abnormal termination codes can be accessed in the *System Codes Manual* from IBM.

ADANAL	**There are currently no exits in use**
Explanation	The DISPLAY=EXITS command was issued but no exits are currently in use.

ADANAX	**Exit: {exit-code} modname: {exit-module-name} status: {ACTIVE	ACTIVE CRT	ENACT}**
Explanation	Indicates whether the specified exit is active, active and critical, or inactive.

ADANI2	**SMGT abend handler active**
Explanation	Indicates that the abnormal termination handler of the error handling and message buffering facility is active.

ADANI4	**GETMAIN failed for exit table**
Explanation	Not enough memory is available to run the error handling and message buffering facility. Adabas runs without the facility.
Action	Increase the region size available to the Adabas nucleus.

ADANI5	**GETMAIN failed for initial PIN area**
Explanation	Not enough memory is available to run the error handling and message buffering facility. Adabas runs without the facility.
Action	Increase the region size available to the Adabas nucleus.

ADANL0	**Error opening license file (DDLIC)**
Explanation	An error occurred opening the license file specified by the DDLIC statement.
Action	Omit the DDLIC statement and use the load module method of licensing instead.

ADANL1	**License file size exceeds limit**
Explanation	The license being read is larger than expected (8000 bytes).
Action	Verify that you are using the original license file obtained from Software AG.

ADANL2	**Error reading license file**
Explanation	An empty file or invalid record structure was detected.
Action	Verify that the license file has been copied correctly to the license data set. The file should not be empty and the data should not have been converted to EBCDIC (it should be in ASCII format).

ADANL3	**Error license function {fx} subfunction {sfx} returned {err}**
Explanation	An unexpected error occurred while performing the Adabas license check.. The license function (*fx*), subfunction (*sfx*) and return code (*err*) are given in the message.
Action	Examine the Adabas nucleus JCL and verify that the Adabas license is available as load module ADALIC or is assigned with the link (DD) name DDLIC.

ADANL4	**License module could not be loaded**
Explanation	The license processor module could not be loaded.
Action	Verify that the modules from the MLC*vrs* load library can be loaded by the Adabas nucleus.

ADANL6	**License check failed**
Explanation	The license file is physically correct, but some license property was found that did not match your Adabas nucleus execution environment. This is a final message, accompanied by another message specifying details of the failure. The Adabas nucleus is started.
Action	Contact your Software AG sales representative to resolve the discrepancy between your license file and your execution environment.

ADANL7	**License check completed**
Explanation	The license check completed successfully and the Adabas nucleus is started.
Action	No action is required for this informational message.

ADANL9	**ADALIC license could not be loaded**
Explanation	The ADALIC license module could not be loaded.
Action	Verify that the installation of the license file occurred correctly. For more information, read about the Adabas database installation steps for your operating environment. If problems persist, contact your Software AG technical support representative for assistance.

ADANO1	**Invalid SMGT cmd: {command}**
Explanation	The operands on an SMGT command were invalid.
Action	Correct the operands and reissue the command.

ADANO2   **SMGT command processed**

Explanation   The error handling and message buffering facility finished processing a command.

ADANO5   **SMGT not currently active**

Explanation   The error handling facility must be active (SMGT=ON) before the command can be issued. The command issued can be found in the ADANO1 message immediately following the ADANO5 message.

Action   Activate the error handling facility and reissue the command.

ADANR1   **SMGT handling condition: {{mvs-abend-code} | rsp: {rsp-code} }**

Explanation   The error handling facility has been invoked for the specified condition. Note that explanations of z/OS abnormal termination codes can be accessed in the *System Codes Manual* from IBM.

ADANR2   **Error is in {user | hyper} exit {xx}, exit disabled**

Explanation   An error occurred in the specified, noncritical exit. The exit is not invoked until the error is corrected.

Action   Consult diagnostic messages; correct the exit; reload the exit using the SGMT,XLOAD command; then reactivate the exit using the SGMT,XACT command.

ADANRP   **PSW: {hexno hexno hexno hexno}**

Explanation   Displays the PSW when the error was encountered.

ADANRR   **{ry-ry} {hexno hexno hexno hexno}**

Explanation   Displays the registers when the error was encountered.

ADANRT   **Condition is a {error-type} error**

Explanation   The error handling facility is handling an error of the specified type.

ADANS1   **SNAP file unavailable**

Explanation   The nucleus startup JCL did not define a data set to hold a formatted hexadecimal dump of an area in memory, either an address space or a data space.

                          To use the error handling and message buffering facility's SMGT,DUMP={ON | <u>OFF</u>} or SMGT,SNAP[=(start,end)] command successfully, the data set ADASNAP must be defined in the Adabas startup JCL.

Action   Stop the Adabas session; add the required statement to the startup JCL, and start a new session.

ADANT1   **SMGT {activated | deactivated}**

Explanation Indicates a change of status in the error handling and message buffering facility.

ADANT2   **Message buffering {activated | deactivated}**

Explanation Indicates a change of status in message buffering.

ADANT4   **Abnormal termination handler {activated | deactivated}**

Explanation Indicates a change of status in the abnormal termination handling or the error handling and message buffering facility.

ADANT5   **GETMAIN failed for PIN descriptors**

Explanation Not enough memory was available to add new PINs. Adabas runs without the PIN module.

Action   Increase the size of the region available to the Adabas nucleus.

ADANT6   **Module {module-name} load failed**

Explanation Unable to load the specified module. The error handling and message buffering facility runs without the module.

Action   Ensure that the module is available to the error handling facility by placing it in the Adabas program library.

ADANT7   **Invalid exit {exit-code}**

Explanation The exit-code indicated in the message is not a valid code, or is not in the correct state for the command requested. Adabas rejects the command.

Action   Ensure that the exit-code is correct. If it is, ensure that the exit is in a state that allows the requested command.

ADANT8   **Exit {exit-code} in use module({module-name})**

Explanation The exit-code specified in the message indicates an active exit. Adabas rejects the command.

Action   Ensure that the exit-code is correct. If it is, ensure that the exit is in a state that allows the requested command.

ADANT9   **No module name for exit load**

Explanation   Adabas cannot load the exit without the name of the module. Adabas rejects the command.

Action   Retype the SGMT,XLOAD command and include a member name for the exit.

ADANTA   **Exit {exit-code} not loaded**

Explanation   A command that requires an exit cannot be processed because the exit is not loaded. Adabas rejects the command.

Action   Ensure that the exit-code is correct. If it is, load the exit.

ADANTB   **exit {exit-code} module {exit-module-name} status: {active | inact | loaded | crit | notcrt}**

Explanation   The status (active, not active, loaded, critical, or not critical) of an exit changed as a result of an operator command, and this messages provides the details.

ADANTC   **Invalid SNAP parameters**

Explanation   The parameters provided for a SNAP command are invalid. Adabas rejects the command.

Action   Ensure that the addresses provided to the SNAP command are correct.

ADANTD   **PIN routine {pin-number} disabled**

Explanation   The specified PIN routine has been disabled.

ADANTE   **PIN routine {pin-number} not found**

Explanation   The PIN routine for the previous command was not found. Adabas rejects the command.

Action   Ensure that the PIN routine is correct and reissue the command.

ADANTF   **PIN routine {pin-number} enabled**

Explanation   The specified PIN routine has been enabled.

ADANTG   **PIN module {module-name} loaded**

Explanation   The specified PIN module has been loaded.

ADANTH	PIN module {module-name} deleted
Explanation	The specified PIN module has been removed from memory.

ADANTI	PIN module {module-name} not {found | valid}
Explanation	The PIN module for the previous command is not available. Adabas rejects the command.
Action	Ensure that the PIN module name is correct, and that the PIN module is in the Adabas library; then reissue the command.

ADANTJ	{ FULL | SNAP } dumps taken for events
Explanation	Indicates whether a full dump or a snap dump is taken.

ADANTM	Message buffering unable to activate
Explanation	Message buffering cannot be activated.
Action	Add the MSGBUF= parameter to the initial ADARUN parameters.

ADANX1	Command {cmd} Command-ID {hex-cid} FNR {file-number} Response {rsp-code} Subcode {rsp-subcode} FLD {field-name} TID {hex-internal-userid} UID {open-userid} JOB {jobname}
Explanation	Format of the diagnostic information produced by the Adabas PINRSP or PINUES routine. The PINRSP routine will produce only the cmd, hex-cid, rsp-code, and rsp-subcode information.

ADANY1	Adabas must be run from an authorized environment
Explanation	The PIN ADAMXY detected a S047 abend.
Action	Run Adabas from an authorized load library.

ADANY4	Error occurred in routine: {routine-name}
Explanation	The PIN ADAMXY determined that the particular error is in the identified routine.
Action	Refer to the appropriate operating system documentation for a description of the system abend that occurred.

ADANZ1	Adabas SMGT terminated
Explanation	Adabas is in the process of termination, and the error handling and message buffer facility functions have been terminated.

ADEN1	Invalid control string: {string}
Explanation	Adabas Online System internal error.
Action	Contact your Software AG technical support representative.

ADONIS1	Load failed on SMGT module {module-name}
Explanation	A load module for the error handling and message buffering facility could not be loaded. Adabas runs without the facility.
Action	Ensure that all modules for the error handling and message buffering facility installed with Adabas are still in the distributed library. If modules are missing, restore a copy of the module from a backup and apply any maintenance.

ADATCP messages ADACM* messages ADATCP Messages (Prefix ADACM)

The ADATCP component displays several information or error messages on the system console.

ADACM006E	Unable to load PABNKERN
Explanation	The essential module PABNKERN found in the internal product APS (porting platform) is not available to Adabas.
Action	Add the APSvrsLOAD library to your job's STEPLIB.

ADACM007E	Parm error
Explanation	One of the parameters passed within the URL was incorrect.
Action	Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.

ADACM008E	Invalid value in PORT= parameter
Explanation	The port that was specified in the URL was not valid.
Action	The port number can be 1-5 bytes; it cannot be zero (0) or greater than 65535.

ADACM009E   **URL={url} already {active | closed}**

Explanation   Either the URL is already opened (ACTIVE) or already closed (CLOSED).

Action   Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.

ADACM010E   **URL={url} not found**

Explanation   The URL itself was not found.

Action   Ensure that the URL includes valid values for all required elements: the API name (protocol), stack ID, and port number. Correct the URL and try again.

ADACM011I   **URL={url} has been {closed | opened}**

Explanation   The URL was successfully closed or opened.

ADACM012E   **The network is down**

Explanation   ADATCP cannot be started because the network is not active.

Action   Check that the stack specified in the URL is active. If it is, contact your systems administrator.

ADACM013E   **No buffer space is available**

Explanation   No buffer space is available to ADATCP to allocate its control blocks.

Action   Ensure that sufficient storage is available on the system.

ADACM014E   **The link has been severed**

Explanation   An error caused TCP/IP or ADATCP to terminate.

Action   This message is issued along with another message that explains the reason for the termination. Refer to the other message.

ADACM015E   **TCP/IP is not installed or active**

Explanation   The TCP/IP stack specified in the URL is not installed or not active.

Action   Check that the specified URL is the one intended. If so, either install the specified stack or start it.

ADACM016E **The socket descriptor table is full**

Explanation The maximum number of socket descriptors has been reached: no more sockets can be created.

Action Increase the maximum number of sockets that can be created.

ADACM017I **TCP/IP has terminated**

Explanation Unless this message is accompanied by an error message, TCP/IP has terminated normally.

Action If an error message accompanies this message, refer to that message. Otherwise, this message is for information only.

ADACM018E **The API cannot locate the TCP/IP specified**

Explanation The stack specified in the URL is not valid: TCP/IP cannot initialize.

Action Ensure that the stack is available on the system and that it is active.

ADACM019E **The TCP/IP name specified is not valid**

Explanation The TCP/IP name specified in the URL is not valid.

Action Check that the URL contains the correct stack name. If so, ensure that the stack is available on the system and that it is active.

ADACM020E **TCP/IP failed to load**

Explanation The TCP/IP stack specified in the URL cannot be initialized.

Action Ensure that the TCP/IP stack specified is correct and that it is active. If it is correct and active, contact the systems administrator.

ADACM021E **Unable to allocate storage for SOCKETCB**

Explanation ADATCP is unable to allocate the necessary storage.

Action Ensure that adequate storage is available on the system.

ADACM022E **Invalid operating system for api={opsys}**

Explanation The operating system specified in the URL is incorrect.

Action The only operating systems currently supported are OE, Interlink, and HPS.

ADACM023E	**Unable to initialize TCP/IP interface**
Explanation	The TCP/IP stack specified in either the URL or the protocol that was used is invalid.
Action	Check that the URL or protocol contains the correct stack name. If so, ensure that the stack is available on the system and that it is active.

ADACM024E	**Unable to get a socket**
Explanation	The system is unable to create a new socket. This may be caused by an incorrect stack. If an error number accompanies this message, it will inform you if the problem is inadequate system resources (ENOBUFS) or access denied (EACCES).
Action	Ensure that the correct stack is being used. If the problem is inadequate system resources, contact your systems administrator. Contact your security administrator for system access problems.

ADACM025E	**Unable to bind socket to local system**
Explanation	ADATCP was unable to bind the socket to the local system. Another application may be using the port specified in the URL.
Action	Use the "Tso netstat" command to check current use of the specified port. If something else is using the port, terminate ADATCP and change the port in the URL.

ADACM026E	**Unable to accept connections**
Explanation	ADATCP is unable to accept connections from client applications. This may indicate a shortage of buffer space or that the maximum number of socket descriptors have already been created/opened.
Action	Ensure that adequate buffer space is available to the system. If necessary, increase the maximum number of sockets available to the system.

ADACM027E	**Unable to listen for new connections**
Explanation	ADATCP is unable to listen for new connections. This usually indicates that the system resources available to complete the call are inadequate. If an error number is supplied with this message, it will help to identify the problem.
Action	If system resources are inadequate, contact your systems administrator.

ADACM028E	**Unable to set SOCKOPT REUSEADDR option**
Explanation	An attempt to allow currently used local addresses to be bound failed. This may indicate inadequate system resources. If an error number is supplied with this message, it will help to identify the problem.
Action	If system resources are inadequate, contact your systems administrator.

ADACM029E   **Unable to give socket to new thread**

Explanation   ADATCP was unable to give control of a socket to a different process. This error occurs only if there is a problem with the socket itself. If an error number is supplied with this message, it will help to identify the problem.

ADACM030E   **Unable to create a new thread**

Explanation   The system was unable to create a new thread. This indicates inadequate system resources or memory to create the thread.

Action   Contact your systems administrator.

ADACM031E   **Unable to close the requested socket**

Explanation   ADATCP attempted to close a socket that was being used by another thread in the same process. This occurs only when the system is terminating due to some other error.

Action   Check the console for other messages.

ADACM032E   **Unable to MALLOCstorage**

Explanation   ADATCP was unable to allocate storage. This may indicate that inadequate storage is available on the system.

Action   Contact your systems administrator.

ADACM034E   **Unable to receive data**

Explanation   ADATCP cannot receive data from a client. This may indicate that the connection between ADATCP and the client has been severed during a transaction or that system resources are inadequate to complete the call. The error number supplied with this message will identify the problem.

Action   Contact your systems administrator.

ADACM035E   **Unable to take the socket**

Explanation   The process that send requests to and from Adabas was unable to take control of the socket that was passed to it by the listening task.

Action   Check the error number and the return code that accompany this message.

ADACM036E	Unable to set the cancel type
Explanation	The main request task is unable to set the cancel type for the thread that is currently running.
Action	Check the error number and the return code that accompany this message.

ADACM037E	Unable to send data
Explanation	ADATCP is unable to send data from a client. The error number issued with this message indicates whether the problem is a severed connection between ADATCP and the client or insufficient system resources to complete the call.
Action	Check the error number issued with this message.

ADACM038E	Unable to close the socket
Explanation	ADATCP attempted to close a socket while it was being used by another thread in the same process. This occurs if the system has tried to terminate due to another error.
Action	Check for other messages issued to the console.

ADACM039E	Context table full
Explanation	The number of connections has reached a predefined limit; no entries can be added to the user context table.
Action	Increase the ADARUN NU parameter value to the required number of entries and restart ADATCP.

ADACM040E	Bad Message Length - > 1M
Explanation	A message was received with a length greater than 1,048,576 bytes.
Action	Contact your Software AG support representative for assistance.

ADACM041E	Bad Message Identifier (SAG)
Explanation	A message was received with a bad identifier in the message header.
Action	Contact your Software AG support representative for assistance.

ADACM042E	ACBX call with more than 250 ABDXs received
Explanation	An ACBX interface Adabas call was received that contained more than 250 ABDs. The maximum number of ABDs allowed is 250. The call is rejected with response code 253.
Action	Change the application to make ACBX calls with fewer than 250 ABDs. Contact your Software AG support representative for assistance.

III General System Messages

The non-console messages described in this chapter are issued by Adabas functions and modules such as ADALNK and ADAIOR. Although not considered console messages, those preceded by an asterisk (*) are also displayed on the system console.

4 ACLX* - Adabas Review ADALNK Messages

These are messages produced by Adabas Review processing.

> **Note:** Some of the ACLX* messages are preceded by the Adabas database ID. These database IDs are not shown in the message texts in this documentation.

ACLX02	**REV45 RUBX arrived and ignored**
Explanation	A RUBX for Adabas Review 4.5 or later has been received by the Adabas 8.1 nucleus. The newer RUBX is ignored. The RUBX fields in Adabas Review are empty.
Action	Use the Adabas LX library for Adabas Review 4.5 or use Adabas 8.2.

5 ADAD* Abend Code Message

ADAD01   **{version} {job-name} abend code {code}**

Explanation   This message is displayed on SYSLOG when an abend condition occurs within ADALNK.

Action   ADALNK issues the following information:

version	the Adabas version
job-name	the VSE job name
code	the abend code (see chapter 4 for code information)

6 ADAE* Adabas SAF Security (ADASAF) Messages

> **Note:** Each of the messages in this section starts with the relevant database ID.

ADAE01	**Unable to load required modules**
Explanation	A required module could not be loaded. Operation terminates with an abend U0042.
Action	Check that the modules NA2PMAC and ESICFG are available.

ADAE02	**Unable to allocate required storage**
Explanation	There is insufficient storage available for ADASAF to operate. Operation terminates with an abend U0042.
Action	Increase the amount of storage (above the 16-megabyte line) available to the failing job.

ADAE03	**Unable to allocate NRS storage**
Explanation	ADASAF needs approximately two KB of storage below the 16-megabyte line. If the storage is not available at initialization (or after a newcopy operator command), ADASAF issues this message and operation terminates.
Action	Ensure that enough storage is available.

ADAE04	**Module {module-name} not loaded**
Explanation	The indicated module could not be loaded during initialization or during the newcopy operator command. If the module is required (rather than optional), operation terminates.
Action	Ensure that the module is available.

ADAE05	**Invalid parameters detected**	
Explanation	One or more invalid parameters were specified in DDSAF. Operation terminates.	
Action	Correct the invalid parameters.	

ADAE06	**Allocation of user file cache failed**	
Explanation	ADASAF allocates a user file cache above the 16-megabyte line. If the storage is not available at initialization (or after a newcopy operator command), ADASAF issues this message and operation terminates.	
Action	Ensure that enough storage is available or reduce the MAXFILES parameter (this may adversely affect performance).	

ADAE07	**{input-parameter}**	
Explanation	ADASAF echoes the parameters read from DDSAF for information and auditing purposes.	

ADAE08	**Invalid parameter: {input-parameter}**	
Explanation	ADASAF detected incorrect input in DDSAF. ADAE08 is issued for each invalid parameter found and is followed by ADAE05.	
Action	Correct the invalid parameter.	

ADAE12	**ADASAF is active in {FAIL|WARN} mode**	
Explanation	ADASAF has successfully initialized in the mode indicated.	

ADAE15	**NEWCOPY of parameter module failed**	
Explanation	After a NEWCOPY operator command, ADASAF was unable to reload ESICFG. Operation terminates.	
Action	This error occurs only if there is a shortage of storage or the module ESICFG was deleted from the load library after initialization. Determine which of these is the case and correct it.	

ADAE16	**NEWCOPY reinitialization failed**	
Explanation	This message appears after a failure during NEWCOPY processing. It should be accompanied by a more detailed error message specifying the nature of the failure.	
Action	Take the action recommended by the accompanying message.	

ADAE17	**Not APF-authorized**
Explanation	ADASAF must run APF-authorized. Operation terminates.
Action	Check that all STEPLIBs are in the APF list and that ADARUN is linked with AC(1).

ADAE18	**No security details for job {job-name}**
Explanation	An Adabas command received from the named job had no security credentials attached to it. The command is rejected with response code 200, subcode 3.
Action	Ensure that the security exits are correctly installed in the Adabas SVC and that the source job has been configured correctly to support SAF security systems.

7   ADAF* - Adabas Replication Messages

These are the messages produced by Event Replicator processing.

> **Note:** Some of the ADAF* messages are preceded by the Adabas or Event Replicator Server database ID. These database IDs are not shown in the message texts in this documentation.

ADAF01	**Replication GETMAIN failed**
Explanation	Getmain for Replication area failed or there was insufficient storage available.
Action	Rectify the Getmain problem and rerun the job.

ADAF02	**READONLY=YES not allowed**
Explanation	READONLY=YES is not allowed for an Event Replicator database.
Action	Supply correct parameters and rerun the job.

ADAF03	**DTP=TM not allowed**
Explanation	DTP=TM is not allowed for an Event Replicator database.
Action	Supply correct parameters and rerun the job.

ADAF04	**LRPL specification too low**
Explanation	The LRPL must be at least 20,000.
Action	Supply correct parameters and rerun the job.

ADAF05	**MODE=SINGLE not allowed**
Explanation	MODE=SINGLE is not allowed for an Event Replicator database.
Action	Supply correct parameters and rerun the job.

ADAF06	**Program ADARPR could not be loaded**
Explanation	Event Replicator Server module ADARPR could not be loaded.
Action	Ensure that module ADARPR is in the ADABAS load library concatenation and retry the job.

ADAF07	**STP=YES not allowed**
Explanation	STP=YES not allowed for an Event Replicator database.
Action	Supply correct parameters and rerun the job.

ADAF08	**REPLICATION=YES not allowed**
Explanation	Conflicting parameters - REPLICATION=YES not allowed for this Event Replicator Server database.
Action	Supply correct parameters and rerun the job.

ADAF09	**{parm} specification too low [,{explanation}	. {explanation}]**
Explanation	This message can have multiple texts, as listed below:

- xxxxx NT specification too low. NT must be greater than or equal to 15.
- xxxxx LU specification too low, minimum is 164000

  Note: This text is used when the Event Replicator Server is running with Adabas 7.4.

- xxxxx LU specification too low, minimum is 167000

  Note: This text is used when the Event Replicator Server is running with Adabas 8.

- xxxxx NAB specification too low, minimum is 41

In all cases, the value specified for the named parameter is too low. In some cases the minimum value is given in the message.

Action	Increase the value of the named parameter and rerun the job.

ADAF10	Load of {module} failed
Explanation	An attempt to load the module listed in the message failed.
Action	Ensure that the module is in the ADABAS load library concatenation and retry the job.

ADAF11	Error opening DDKARTE
Explanation	The cause is probably a misspelled keyword.
Action	Check the JCL; correct the error and rerun the job.

ADAF12	I/O error reading DDKARTE
Explanation	The cause is probably a misspelled keyword.
Action	Check the JCL; correct the error and rerun the job.

ADAF13	Parameter error, name not ADARPD
Explanation	The cause is probably a misspelled keyword.
Action	Check the parameter input, correct the error, and rerun the job.

ADAF14	Parameter error, missing separator
Explanation	The cause is probably incorrect parameter input.
Action	Check the parameter input, correct the error, and rerun the job.

ADAF15	Parameter error, invalid syntax
Explanation	The cause is probably incorrect parameter input.
Action	Check the parameter input, correct the error, and rerun the job.

ADAF16	Parameter error, keyword not unique
Explanation	The cause is probably incorrect parameter input.
Action	Check the parameter input, supply the correct keyword in full length, and rerun the job.

ADAF17	Parameter error, unknown parameter
Explanation	The cause is probably a misspelled keyword.
Action	Check the JCL; correct the error and rerun the job.

ADAF18	{jjjj.mm.tt} {hh.mm.ss }{cc} {cmd} to DBID {ddddd} FNR {fffff} RSP {rrr} Subcode {sssss}
Explanation	A command (*cc*) to the target DBID/FNR (*ddddd* and *fffff*) identified in the message failed. The response code (*rrr*) with subcode (*sssss*) are also given in the message.
	If the command is not an S4 command, the text "ISN *iiiiiiiii*" is appended to this message text, listing the ISN number.
Action	Investigate the reason for the response code subcode on the target database and correct the problem. The command did not complete on the target database.

ADAF19	**Parameter error, too many values in list**
Explanation	The cause is probably incorrect parameter input.
Action	Check the parameter input. Supply no more than the maximum number of parameter values permitted, and rerun the job.

ADAF1A	**Terminating with replication data outstanding for the following: Event Replicator Server {dbid} File {filename}**
Explanation	The nucleus has terminated with replication data outstanding for the Event Replicator database and files listed in the message.
Action	The nucleus has terminated via a HALT command. If an Event Replicator Server is available, outstanding replication data for this nucleus has been sent to the Event Replicator Server. Check for message **ADAF1Q** to verify the Event Replicator Server successfully processes all previously sent replication data for this database. If an Event Replicator Server was not available at the time of the HALT, an initial-state request may be used to synchronize a file.

ADAF1B	**Event Replicator Server {dbid} has disconnected**
Explanation	The Event Replicator database listed in the message has disconnected from the nucleus.
Action	No action is required for this informational message.

ADAF1C	**Connected to local Event Replicator Server {dbid}**
Explanation	The nucleus has connected to the Event Replicator database listed in the message.
Action	No action is required for this informational message.

ADAF1D	**Reconnected to local Event Replicator Server {dbid}**
Explanation	The nucleus has reconnected to the Event Replicator database listed in the message. This may happen if the Event Replicator Server was terminated but the nucleus remained active, and then the Event Replicator Server restarted.
Action	No action is required for this informational message.

ADAF1E	**Waiting for replication data to be processed by Event Replicator Server {dbid}**
Explanation	The nucleus is waiting for the Event Replicator database listed in the message to finish processing data. When the Event Replicator Server has completed the work, the nucleus will terminate.
Action	Start the Event Replicator Server if it is not currently active.

ADAF1F	**Disconnected from Event Replicator Server {dbid}**
Explanation	The nucleus has disconnected from the Event Replicator Server listed in the message.
Action	No action is required for this informational message.

ADAF1G	**Crosscheck for database{dbid} failed with response code {rrr/sss}**
Explanation	The Event Replicator Server attempted to do a crosscheck for the database listed in the message, but received the response and subcode (rrr/sss) listed in the message during the attempt.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF1H	**Event Replicator Server {dbid} shutting down**
Explanation	The Event Replicator database listed in the message is shutting down.
Action	No action is required for this informational message.

ADAF1I	**Event Replicator Server {dbid} not present**
Explanation	The nucleus tried to communicate with the Event Replicator database listed in the message, but the Event Replicator database is not available.
Action	Start the Event Replicator database.

ADAF1J	**Crosscheck aborted. Unable to obtain 32,000 bytes from LWP** **Increase LWP to allow crosscheck to execute**
Explanation	The Event Replicator Server requires 32,000 bytes of storage from the Adabas work pool to run the crosscheck function.
Action	Increase the LWP parameter setting for Adabas and retry. For more information, read about the ADARUN statement and its LWP parameter in your Adabas operations documentation.

ADAF1K	**Replication deactivated for file {file}** **due to {reason}**
Explanation	Replication has been deactivated by the Adabas nucleus for the identified file. The *reason* will be one of the following: ■ replication pool overflow ■ request from Event Replicator Server ■ request via operator command/AOS
Action	If the deactivation reason is "replication pool overflow", consider increasing the value of the LRPL parameter. For other reasons, this message is for information only.

ADAF1L	**replication pool usage {increased|decreased} to {more|less} than {number} %**
Explanation	These messages begin when replication pool usage first exceeds the value of ADARUN parameter RPWARNPERCENT. Further messages appear at usage intervals specified by ADARUN parameter RPWARNINCREMENT.
Action	If the usage is not anticipated, you may want to adjust ADARUN parameter LRPL to increase the size of the replication pool. Adjust ADARUN parameters RPWARNPERCENT and RPWARNINCREMENT to control when warning messages are issued.

ADAF1M	**Starting replication pool warning suppression** **{number} replication pool warnings suppressed**
Explanation	A number of ADAF1L messages warning of a replication pool shortage have been issued. In order to avoid flooding the console, additional messages are suppressed for a period after a threshold is reached. When the suppression period has expired, Event Replicator Server will display the number of suppressed message lines and then start printing replication pool usage warning messages again. The number of messages issued before suppression is specified by ADARUN parameter RPWARNMESSAGELIMIT. The suppression interval is specified by ADARUN parameter RPWARNINTERVAL.
Action	No action is required for these informational messages. If needed, adjust the ADARUN parameters RPWARNMESSAGELIMIT and RPWARNINTERVAL to control message traffic.

ADAF1N   **Invalid Input Message: {<message block>}**

Explanation   Event Replicator Server received a message from an input queue but could not process it because some data structure was not correctly interpreted.

<message block> gives additional information:

- URBH - The URBH message header could not be processed
- URBH - Input message truncated
- URBI - The URBI message structure could not be processed

Action   For the memory shortage check if the `LRPL` needs to be increased. If the input message is truncated, increase the size of the input queue buffer parameter, `IQBUFLEN`. In the other cases make sure that the input requests are set up correctly.

ADAF1O   **{invalid destination message}'**

Explanation   This message may appear with multiple texts, all relating to an invalid destination setting, as described in the following table:

Message Text	Explanation
Invalid Response Destination: *destination*	The response destination supplied for an initial-state request is invalid. The invalid destination is listed in the message.
Initial-state request rejected. Response: *rrr* Subcode *sssss*	This message is printed on the console. It indicates that the initial-state request was rejected because the destination for the response was not supplied.

Action   Make sure that the input request sets up the correct destination for response.

ADAF1P   **One or more File destinations are defined but CLOG is not active**

Explanation   One or more File destination definitions are being used, but the CLOG to which the replication TLOG URBLTDOD records will be routed is not identified in the Event Replicator Server startup JCL. The File destinations are set to "Unavailable" and processing continues.

Action   Identify the CLOG in the Event Replicator Server startup JCL and try again.

ADAF1Q   **All in-flight transactions from terminated nuclei have been fully processed**

Explanation   The Event Replicator Server has finished processing in-flight transactions for nuclei terminated previously via HALT.

Action   No action is required for this informational message.

ADAF1R	**Request to database {dbid}** **to terminate initial-state processes** **failed with response {rrrrr} / {sssss}** **Request to database {dbid} / {nucid}** **to terminate initial-state processes** **failed with response {rrrrr} / {sssss}**
Explanation	The Event Replicator Server has been terminated by a halt request. During termination processing, one or more initial-state requests were found to be active on the database or database and nucleus listed in the message. The request to the nucleus to terminate the initial-state processes failed with Adabas response code and subcode (*rrrr/ssss*) given in the message.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF1S	**{Starting input request error message suppression}** **{number} input request message lines suppressed**
Explanation	Errors were detected in messages from a target application on an Event Replicator Server input queue. In order to avoid flooding the console, Event Replicator Server starts suppressing messages for approximately one minute after a threshold is reached. When the suppression period has expired, Event Replicator Server will display the number of suppressed message lines and then start printing input transaction error messages again. This message can have multiple texts, all relating to error message suppression: ■ Starting message suppression ■ *nnnn* message lines suppressed

ADAF1T	**Adabas could not inform Reptor about** **deactivation of replication for file {file}.**
Explanation	Replication for a file was being deactivated by the Adabas nucleus. Adabas was unable to acquire sufficient resources to notify the associated Event Replicator Server.
Action	Execution continues. This is often the result of a shortage in the replication pool. Increasing the value of the `LRPL` parameter may alleviate the shortage.

ADAF1U	**Adabas replication pool overflow** **Failed to allocate {size} bytes for {use}.**
Explanation	There was not enough free storage in the replication pool to satisfy the request.
Action	Execution continues. Increasing the value of the `LRPL` parameter may alleviate the shortage.

ADAF1V   **Input request {type}: {error}**
              URBIRTOK: {token} URBIRNAM:{destination} URBIDNAM:{destination}
              URBISNAM:{subscription} URBITSNR:{number}

Explanation   A replication status or prior-transaction request has an error, and a response code
                   and subcode could not be sent via a URBS status message. The *type* appearing in the
                   message identifies the request type and will be either "STAT" (replication status) or
                   "TRAN" (prior-transaction). The *destination*, *subscription* and *number* are taken
                   from the URBI for the request. The *number* will appear only for "TRAN" requests.

                   The following *errors* can appear in the message if the request *type* is either "STAT"
                   or "TRAN":

                   URBIARC/ACOD/WCOD not zero
                   URBIRES1/URBIRES2 not zero

                   The following *errors* can appear in the message only if the request *type* is "STAT":

                   Storage shortage in RPL pool
                   URBIRNAM undefined/unusable
                   URBIDNAM and URBISNAM omitted
                   URBISNAM undefined/unusable
                   URBIDNAM undefined/unusable
                   No active destinations

                   The following *errors* can appear in the message only if the request *type* is "TRAN":

                   RSP0 but URBIRNAM not active
                   URBIRNAM is unknown
                   URBIDNAM is unknown
                   URBISNAM omitted or unknown
                   URBIDNAM not in URBISNAM
                   URBISNAM has no resend buffer
                   URBITRNR not in resend buffer
                   URBISNAM not active
                   Invalid transaction in buffer
                   No active resend destinations
                   URBILEND not zero
                   URBIDBID/URBIFNR not zero
                   URBIINAM not permitted

Action   If the *error* indicates an RPL storage pool shortage, consider increasing the value of
              the `LRPL` parameter.

              If the *error* indicates that an invalid transaction exists in the resend buffer, an internal
              error has been detected. Notify your Software AG support representative.

              If the *error* indicates that there are no active destinations, this message is for
              information only.

              For all other *errors*, correct the status request or resend the prior-transaction request.

ADAF1W	**Connect to Reptor {dbid} failed with response{ rrrr/ssss}**
Explanation	The Event Replicator Server database listed in the message is active, but the nucleus received the response code and subcode (`rrrr/ssss`) listed in the message.
Action	Investigate the response code and subcode to identify and correct the problem. For response code 22, subcode 26, ensure that you are trying to connect to another Adabas nucleus and not an Event Replicator Server and try again.

ADAF1X	**Sending data to Reptor {dbid} failed with response code {rrrr/ssss}**
Explanation	An attempt to send data to the Event Replicator Server database listed in the message failed with the response code and subcode (`rrrr/ssss`) listed in the message.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF1Y	**Disconnecting from Reptor {dbid} failed with response code {rrr/sss}**
Explanation	When the nucleus attempted to disconnect from the Event Replicator Server database listed in the message, the response code and subcode (`rrr/sss`) listed in the message were received.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF1Z	**TLOG event logging requested by CLOG is not active**
Explanation	TLOG logging has been requested, however the CLOG to which TLOG records are written is not active.
Action	Activate the CLOG using the relevant ADARUN parameters in the Event Replicator Server.

ADAF20	**{statistics}**
Explanation	This message is displayed in response to the operator command `DRPLSTAT`. It shows the replication-related statistics for a database.
Action	No action necessary for this informational message.

ADAF21	**JJJJ.MM.TT HH.MM.SS Input record not replicated: Destination {dddddddd} DBID {xxxxx} FNR {fffff}** **Action ISN {iiiiiiiiii} Rsp {rrrrr} Subcode {sssss}**
Explanation	A record with ISN iiiiiiiiii for destination dddddddd DBID xxxxx FNR fffff with the action (Update, Insert, Delete, or Replace (for Initial State) received Rsp rrrrr Subcode sssss
Action	Investigate the reason for the error and correct. The command did not complete on the target.

ADAF22   **Valid range for MAXOUTPUTSIZE is 32,768 to 2,147,483,647**

Explanation   The parameter MAXOUTPUTSIZE has an incorrect value specified.

Action   Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF23   **DASUBSCRIPTION only valid for DTYPE=ADABAS**

Explanation   When specifying a DESTINATION NAME parameter, the DASUBSCRIPTION keyword is only valid for DTYPE=ADABAS.

Action   Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF24   **Multiple function keywords - only one executed**

Explanation   The parameter input has multiple function keywords within a statement, and only one is executed.

Action   Check the parameter input, correct the error, and rerun the job.

ADAF25   **Close error for DDKARTE**

Explanation   After reading the parameter input, there has been a close error for DDKARTE.

Action   Investigate the cause of the error; correct it, and rerun the job.

ADAF26   **GETMAIN error - not enough memory**

Explanation   A GETMAIN has failed to acquire memory that the Event Replicator Server requires.

Action   Check the JCL or Job; correct the error and rerun the job.

ADAF27   **NAME is a required parameter**

Explanation   The NAME parameter is missing from the Event Replicator Server definition being processed.

Action   Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF28   **DTYPE must be ADABAS, ETBROKER, FILE, MQSERIES, or NULL**

Explanation   When specifying a DESTINATION parameter, there must be a DTYPE equal to ADABAS, ETBROKER, FILE, MQSERIES, or NULL.

Action   Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF29	**DAIFILE parameters only valid for DTYPE=ADABAS**
Explanation	The parameter input has DAIFILE specified, and the DTYPE is not equal to ADABAS.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF2A	**{Local|Remote} ADA{vrm}/ARF{vrm} database {dbid} has connected** **Local database {dbid/nucid} has connected**
Explanation	The nucleus has connected to the Event Replicator Server. The DBID or DBID-nucleus ID (*dbid/nucid*) combination as well as the Adabas and Event Replicator versions (ADA*vrm*/ARF*vrm*) are shown in the message. In addition, the database is identified as a local or a remote database in the message.
Action	No action is required for this informational message.

ADAF2B	**Database {dbid} has disconnected** **Database {dbid/nucid} has disconnected**
Explanation	The nucleus has disconnected from the Event Replicator Server. The DBID or DBID-nucleus ID combination is shown in the message.
Action	No action is required for this informational message.

ADAF2C	**{reptor-id} Handshake from Database {dbid/nucid} rejected due to** **RPLPARMS=NONE**
Explanation	A Event Replicator Server (the ID is given in the message) has RPLPARMS set to NONE, which will reject any communication from other ADABAS nuclei. The DBID or DBID-nucleus ID combination is shown in the message. This message is output only as an informational message in the Event Replicator Server syslog.
Action	If the Event Replicator Server should be communicating with other ADABAS nuclei, correct the RPLPARMS parameter and recycle the Event Replicator Server. Otherwise, no action is required for this informational message.

ADAF2D	**Starting replication crosscheck for database {dbid}** **Replication crosscheck completed for database {dbid}** **No errors were found during the replication crosscheck for** **database {dbid}**
Explanation	These are informational messages about Event Replicator Server crosscheck function processing.
Action	No action is required for these informational messages.

ADAF2E	**Disconnecting from database {dbid}**
Explanation	The Event Replicator Server is in the process of disconnecting from the database or nucleus listed in the message.
	The first instance of this message occurs when the Event Replicator Server is disconnecting from a noncluster Adabas nucleus. The second instance of this message occurs when the Event Replicator Server is disconnecting from an Adabas cluster nucleus (for example, an Adabas Cluster Services or an Adabas Parallel Services nucleus). In this second instance, the Adabas cluster itself ensures that all nuclei in the cluster are informed about the Event Replicator Server disconnecting.
Action	No action is required for this informational message.

ADAF2F	**Disconnected from database {dbid}**
Explanation	The Event Replicator Server has disconnected from the database or nucleus listed in the message.
	This message normally follows message **ADAF2E** and indicates that all replication data for the database has been processed when the Event Replicator Server was terminated by ADAEND. If the Event Replicator Server has been terminated via a HALT request, there is no guarantee that all data has been processed.
	The first instance of this message occurs when the Event Replicator Server has disconnected from a noncluster Adabas nucleus. The second instance of this message occurs when the Event Replicator Server has disconnected from an Adabas cluster nucleus (for example, an Adabas Cluster Services or an Adabas Parallel Services nucleus).
Action	No action is required for this informational message.

ADAF2G	**Database {dbid} is active but running without replication enabled**
	Suspending communication with database {dbid}
Explanation	The Event Replicator Server attempted to communicate with a database defined via a subscription but found the database is running with a REPLICATION=NO setting.
Action	Execution continues. No replication will occur for the database.

ADAF2H	**Discarding data in input queue for database {dbid}**
Explanation	The Event Replicator Server is handling a full replication buffer by removing unprocessed data from the input queue to free storage
Action	Execution continues. The indicated database ID (*dbid*) will attempt to resend the discarded data. Increasing the value of the LRPL parameter may alleviate the shortage.

ADAF2I	**Database {dbid} not present**
Explanation	The nucleus listed in the message is not currently active.
Action	Start the database.

ADAF2J	**Database {dbid} objected to {count} invalid completion reports**
Explanation	An Adabas nucleus for the database identified in the message did not recognize some replicated transactions that the Event Replicator Server reported as successfully completed. The number of replicated transactions is also listed in the message.
	Generally, once the Event Replicator for Adabas has completed the successful processing of a replicated transaction, it reports the completion to Adabas so that Adabas can release the resources (space in its replication pool) associated with the transaction. In this case, Adabas could not identify the transactions specified by the Event Replicator for Adabas and ignored them.
Action	Take note of any unusual events surrounding the message, keep the job protocols of Adabas database and the Event Replicator Server database, and contact your Software AG technical support representative.

ADAF2K	**Reptor could not inform destination {destination}** **about destination {deactivation | reactivation | refresh}** **about subscription {subscription} {deactivation | reactivation | refresh}** **about initialstate {isname} refresh** **about DBID/File {dbid/file} {deactivation | activation}** **about reptor termination**
Explanation	A resource was being deactivated, reactivated, or refreshed by the Event Replicator Server. The Event Replicator Server was unable to acquire sufficient resources to notify the affected destination.
Action	Execution continues. This is often the result of a shortage in the replication pool. Increasing the value of the LRPL parameter may alleviate the shortage.

ADAF2L	**Replication {deactivated | activated} for DBID/File {DBID/file}** **due to {reason}**
Explanation	The replication status for the identified file has changed on Event Replicator Server. The deactivation *reason* will be one of the following:

- database deactivation
- end of replay process
- file deactivation
- format buffer validation failure
- last destination deactivation
- last subscription deactivation
- permanent error in subscription

- replication pool overflow
- request from ADABAS (RDITYPE=Z)
- request from target application
- request via operator command/AOS
- RPLREFRESH request
- SLOG-related error
- SLOG system file full
- suspension of SLOG input

The reactivation *reason* will be one of the following:

- request from target application
- request via operator command/AOS
- request from ADABAS (RDITYPE=Y)
- reactivation of destination
- reactivation of subscription
- reactivation of database
- begin of replay process

Action If the deactivation reason is "replication pool overflow", consider increasing the value of the LRPL parameter. For other reasons, this message is for information only.

ADAF2M **Subscription {subscription} {deactivated | reactivated} due to {reason}**

Explanation The replication status for the identified subscription has changed on Event Replicator Server. See the *reason* descriptions described for message ADAF2L.

Action If the deactivation reason is "replication pool overflow", consider increasing the value of the LRPL parameter. For other reasons this message is for information only.

ADAF2N **Destination {destination} {deactivated | reactivated} due to {reason}**

Explanation The replication status for the identified destination has changed on Event Replicator Server. See the *reason* descriptions described for message ADAF2L.

Action If the deactivation reason is "replication pool overflow", consider increasing the value of the LRPL parameter. For other reasons this message is for information only.

ADAF2O	**Replication activated for file {file}** **due to {reason}**
Explanation	Replication has been reactivated by the Adabas nucleus for the identified file. The *reason* will be one of the following:
	■ request from Event Replicator Server
	■ request via operator command/AOS
	■ initial-state request
Action	No action is required. This message is for information only.

ADAF2P	**Database {DBID} {deactivated | reactivated}** **due to {reason}**
Explanation	The replication status for the identified database has changed on Event Replicator Server. See the *reason* descriptions described for message ADAF2L.
Action	If the deactivation reason is "replication pool overflow", consider increasing the value of the LRPL parameter. For other reasons, this message is for information only.

ADAF2Q	**Database {dbid} terminated** **Database {dbid} nucleus {nucid} terminated** **with transactions in flight for the following files:** **File {file}**
Explanation	The database has terminated, but the Event Replicator Server still has active transactions for the database. Execution continues.
Action	Check for Event Replicator Server message ADAF1Q to verify that the Event Replicator Server successfully processes all replication data received from this database.

ADAF2R	**Database {dbid}** **Database {dbid} Nucleus {nucid}** **Waiting for pending replication data to complete**
Explanation	ADAEND has been issued to the Event Replicator Server with transactions still in progress.
Action	The Event Replicator Server will terminate only after all the transactions that are still in progress have completed.

ADAF2S	**The following files in database {dbid} have replication turned on for this Reptor but are not referenced in a subscription: File {fn}**
Explanation	The files listed in the message have replication turned on, but there are no matching subscriptions in the Event Replicator Server database.
Action	Either add a subscription for the file in the Event Replicator Server database or turn off replication for the files.

ADAF2T	**Unexpected response code {rc} when reading Replicator file with command {cc}**
Explanation	An error occurred while attempting to read the Replicator system file. The Event Replicator Server database ID, response code (rc), and command code (cc) are given in the message.
Action	Review the response code to determine why the Replicator system file could not be read. Then take appropriate actions to correct the error. If the problem persists, contact your Software AG technical support representative for assistance.

ADAF2U	**The following files in database {dbid} are defined in a subscription but do not have replication turned on for this Reptor: File {fn}**
Explanation	The files listed in the message have a subscription in the Event Replicator Server database, but replication is not turned on for the files.
Action	Either turn replication on for the files or remove the subscriptions from the Event Replicator Server database..

ADAF2V	**Sending {deactivation | reactivation} to database {DBID} failed with response code {rsp/subcode}**
Explanation	A resource was being deactivated or reactivated. Event Replicator Server attempted to notify the Adabas nucleus. The command received the unexpected response code and subcode.
Action	If the reason for the response code is not clear, contact your DBA, system support personnel, or Software AG technical support.

ADAF2W	**Connect to database {dbid} failed with response code {rrr/sss}**
Explanation	The Event Replicator Server attempted to connect to the database listed in the message, but received the response code and subcode (rrr/sss) listed in the message during the attempt.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF2X	Sending completion to {dbid} failed with response code {rrrr/ssss}
Explanation	An attempt to send information about completed transactions from the Event Replicator Server to the Adabas listed in the message (*dbid*) failed with the response code and subcode (*rrrr/ssss*) listed in the message.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF2Y	Disconnect failed with response {rrr/sss} from database {dbid}
Explanation	The Event Replicator Server attempted to disconnect from the database listed in the message, but received the response code and subcode (*rrr/sss*) listed in the message during the attempt.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF2Z	YYYY.MM.DD HH.MM.SS {event-name} must be between 0 and {n}
Explanation	An operator command to dynamically alter the level of transaction logging was entered incorrectly. This error is produced because the name of the transaction logging event or the transaction logging level specified in the command were not valid. The event name specified is listed in the message.
Action	Review and correct the command specifications and then rerun it. Valid transaction logging event names and levels are described in *TLOG Command* in *Event Replicator for Adabas Administration and Operations Guide*.

ADAF30	DTYPE=ADABAS requires at least one DAIFILE
Explanation	The DAIFILE is required when DTYPE=ADABAS is specified.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF31	DAIDBID, DATDBID, and DATFILE are required for DAIFILE
Explanation	The DAIFILE parameter requires the DAIDBID, DATDBID, and DATFILE parameters be specified as well.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF32	DETBBROKERID or ETBBROKERID is required
Explanation	When specifying a DESTINATION, with DTYPE=ETBBROKER, then DETBBROKERID or ETBBROKERID is required.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF33	**DMQQMGRNAME or MQQMGRNAME is required**
Explanation	When specifying a DESTINATION, with DTYPE=MQSERIES, then DMQQMGRNAME or MQQMGRNAME is required.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF34	**GFB is mandatory for GFORMAT**
Explanation	When specifying a GFORMAT NAME, the GFB parameter is required.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF35	**Invalid IQTYPE: must be ETBROKER or MQSERIES**
Explanation	When specifying IQUEUE NAME, then IQTYPE must be ETBROKER or MQSERIES.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF36	**IQMQQMGRNAME or MQQMGRNAME is required**
Explanation	When specifying IQUEUE NAME, and IQTYPE=MQSERIES, then IQMQQMGRNAME or MQQMGRNAME is required.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF37	**IQETBBROKERID or ETBBROKERID is required**
Explanation	When specifying IQUEUE NAME, and IQTYPE=ETBROKER, then IQETBBROKERID or ETBBROKERID is required.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF38	**Reptor must be UES enabled for: 'SACODE/SARC/SWCODE**
Explanation	The Event Replicator Server database is not running with UES option, and it is required for certain parameters, i.e., SARC.
Action	Examine and correct the parameter input or the Event Replicator Server database.

ADAF39	**SDESTINATION or SIDESTINATION is required**
Explanation	When specifying SUBSCRIPTION, then SDESTINATION or SIDESTINATION is required.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF3A	The version of module ADARPD is incompatible with this Reptor
Explanation	A check was performed on the version of module ADARPD. The version of module ADARPD is incompatible with this Event Replicator Server.
Action	Ensure that all recent updates have been applied and that the load module versions in use are as delivered by Software AG. If the problem persists, contact your Software AG support representative for assistance.

ADAF3B	'parameter keyword' must be less than or equal to 65535
Explanation	The DBID value specified for the given 'parameter keyword' exceeds the maximum of 65535.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF3C	Invalid options specified for destination {dest} in subscription {sub}.
Explanation	The system file contains invalid data for destination *dest* in subscription *sub*. Only "Y" or "N" are permitted.
Action	Correct the input and restart the Event Replicator Server.

ADAF3D	FCOND must be EQ, NE, GT, LT, LE or GE
Explanation	The value entered for the FCOND parameter as part of a filter definition is incorrect. Valid values are listed in the message.
Action	Correct the FCOND parameter value.

ADAF3E	MU/PE must be in the range 1 – 191
Explanation	The value entered for either the MU or PE value of a filter definition is incorrect. Valid values must range from "1" through "191".
Action	Correct the MU or PE parameter value.

ADAF3F	{FSIMAGE|FTIMAGE} must be AI or BI
Explanation	The value entered for either the FSIMAGE or FTIMAGE parameters of a filter definition are incorrect. Valid values are "AI" or "BI".
Action	Correct the FSIMAGE or FTIMAGE parameter value. Descriptions of these parameters are provided in *FILTER Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3G	FRECORDS - must be INCLUDE or EXCLUDE
Explanation	The value entered for the `FRECORDS` parameter of a filter definition is incorrect. Valid values are "INCLUDE" or "EXCLUDE".
Action	Correct the `FRECORDS` parameter value. A description of this parameters is provided in *FILTER Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3H	TLMAX and/or TLRESTART values are invalid and/or inconsistent
Explanation	The values specified for the `TLMAX` and `TLRESTART` parameters are either invalid or are not consistent with each other. Valid values for `TLMAX` range from 1 through 100, while the `TLRESTART` setting must be less than the `TLMAX` setting.
Action	Correct the `TLMAX` and `TLRESTART` parameter values so they are valid and consistent. Descriptions of these parameters are provided in *Transaction Log (TLOG) Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3I	{event-name} must be 0, 1, or n
Explanation	A parameter that sets the level of transaction logging for a transaction logging event was entered incorrectly. The name of the transaction logging event with the invalid value is listed in the message.
Action	Correct the value specified for the transaction logging event. Valid transaction logging event names and values are described in *Transaction Log (TLOG) Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3J	Parameter {FTIMAGE|FTPE|FTMU|FTBEGIN|FTLENGTH} may not be specified without FTARGET
Explanation	The `FTIMAGE`, `FTPE`, `FTBEGIN`, `FTLENGTH`, or `FTMU` parameter was specified without an associated `FTARGET` parameter in a filter definition.
Action	Provide an `FTARGET` parameter value. Descriptions of these parameters are provided in *FILTER Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3K	FILTER requires either FTARGET or FLIST
Explanation	A `FILTER` parameter was specified, but without either the `FTARGET` or `FLIST` parameters. Either `FTARGET` or `FLIST` is required, but both may not be specified.
Action	Provide either an `FTARGET` parameter value or an `FLIST` parameter value. Descriptions of these parameters are provided in *FILTER Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3L	FFIELD may only be specified as part of FILTER
Explanation	An attempt was made to specify the `FFIELD` parameter separately from a `FILTER` parameter. `FFIELD` parameters are not valid outside of `FILTER` parameters.
Action	Correct the syntax. Descriptions of these parameters are provided in *FILTER Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3M	A FILTER must specify at least one FFIELD
Explanation	A filter definition (`FILTER` parameter) was specified, but without at least one filter condition (`FFIELD` parameter).
Action	Add an `FFIELD` parameter to the filter definition. Descriptions of these parameters are provided in *FILTER Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3N	MAXFFIELDS must be a positive integer
Explanation	An incorrect value was specified for the `MAXFFIELDS` parameter. Valid values are positive integers.
Action	Correct the `MAXFFIELDS` parameter setting. Read *MAXFFIELDS (Maximum Number of FFIELDs) Setting* in *Event Replicator for Adabas Reference Guide* for more information.

ADAF3O	MAXFLISTSIZE must be in the range 1 - 32k bytes
Explanation	An incorrect value was specified for the `MAXFLISTSIZE` parameter. Valid values range from "1" through "32K".
Action	Correct the `MAXFLISTSIZE` parameter setting. Read *MAXFLISTSIZE (Maximum FLIST Size) Setting* in *Event Replicator for Adabas Reference Guide* for more information.

ADAF3P	SFFILTER {filter-name} not defined as a FILTER
Explanation	The transaction filter definition named in the message is specified to be used by an SFILE definition, but no filter definition exists by that name.
Action	Specify the name of a defined filter definition in `SFFILTER` parameter of the SFILE definition. SFILE definition parameters are described in *SUBSCRIPTION Settings* and filter definition parameters are described in *FILTER Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3Q	Subscription {subs-name} {event-name} must be 0, 1 or n
Explanation	The data in the Replicator system file indicates that the value associated with the event named in the message for the subscription named in the message is invalid. It must be in the range indicated. This error is caused by invalid data on the Replicator system file.
Action	Contact your Software AG technical support representative for assistance.

ADAF3R	**Destination {dest-name} {event-name} must be 0, 1 or n**
Explanation	The data in the Replicator system file indicates that the value associated with event named in the message for the destination named in the message is invalid. It must be in the range indicated. This error is caused by invalid data on the Replicator system file.
Action	Contact your Software AG technical support representative for assistance.

ADAF3S	**DMQCCSID is valid only for a MQ Series destination when DCLASS(DEXIT) is non-blank**
Explanation	The DMQCCSID destination parameter is specified for a WebSphere MQ destination definition and no DCLASS or DEXIT parameter has been specified for that destination.
Action	Either add a DCLASS or DEXIT parameter to the WebSphere MQ destination definition or change the DMQCCSID parameter setting to zero.

ADAF3T	**SFREPLICATENOTCHANGED specified for subscription {subs-name}, DBID {dbid}, file {fn}, but BI and AI format buffers are not identical**
Explanation	The keyword SFREPLICATENOTCHANGED was specified for the subscription, database, and file named in the message, but the BI and AI format buffers provided are not identical.
Action	Correct the definition so that the BI and AI format buffers are identical. SFILE definition parameters are described in *SUBSCRIPTION Settings* in *Event Replicator for Adabas Reference Guide*.

ADAF3U	**Filter {filter-name} field name {field-name} Invalid value "{mmmm} " /X"{nnnnnnnn}" for keyword {word}**
Explanation	Invalid data was found in the Replicator system file associated with the filter and field named in the message. This error is caused by invalid data in the Replicator system file.
Action	Contact your Software AG technical support representative for assistance.

ADAF3V	**Multiple global settings records on the Replicator system file**
Explanation	There are invalid multiple global setting records in the Replicator system file.
Action	Contact your Software AG technical support representative for assistance.

ADAF3W	**{DRETRYINTERVAL|DRETRYCOUNT} is only valid for an Adabas, ETBROKER, or MQSeries destination**
Explanation	An attempt was made to specify a retry interval or retry count in a File or Null destination. The DRETRYINTERVAL and DRETRYCOUNT parameters are only valid Adabas, webMethods EntireX, or WebSphere MQ destination definitions.
Action	Remove the DRETRYINTERVAL or DRETRYCOUNT parameters from the File or Null destination definitions.

ADAF3X	**message text**
Explanation	One of two basic message texts may appear for this message ID:

Message Text	Explanation	Action
RETRYINTERVAL|*DRETRYINTERVAL*|*IQRETRYINTERVAL* must be zero or in the range 5 <= n <= 2,147,483,647	The value of the `RETRYINTERVAL`, `DRETRYINTERVAL`, or `IQRETRYINTERVAL` setting is not valid. It must be zero (0) or an integer ranging from 5 through 2,147,483,647.	Correct the value of the `RETRYINTERVAL`, `DRETRYINTERVAL`, or `IQRETRYINTERVAL` parameter. For complete information on these parameters, read *Event Replicator Initialization Parameters*, in *Event Replicator for Adabas Reference Guide*.
DRETRYINTERVAL|*IQRETRYINTERVAL* is *value*	The value of the `DRETRYINTERVAL` or `IQRETRYINTERVAL` parameter is given in the message (*value*).	No action is required for this informational message.

Action	See the table above for the appropriate action to take, based on the message text that appears with this message ID.

ADAF3Y   **message text**

Explanation   One of two basic message texts may appear for this message ID:

Message Text	Explanation	Action
`RETRYCOUNT`|`DRETRYCOUNT`|`IQRETRYCOUNT` must be numeric and <= 2,147,483,647	The value of the `RETRYCOUNT`, `DRETRYCOUNT`, or `IQRETRYCOUNT` setting is not valid. It must be an integer ranging from 0 through 2,147,483,647.	Correct the value of the `RETRYCOUNT`, `DRETRYCOUNT`, or `IQRETRYCOUNT` parameter. For complete information on these parameters, read *Event Replicator Initialization Parameters*, in *Event Replicator for Adabas Reference Guide*.
`DRETRYCOUNT`|`IQRETRYCOUNT` is `value`	The value of the `DRETRYCOUNT` or `IQRETRYCOUNT` parameter is given in the message (`value`).	No action is required for this informational message.

Action   See the table above for the appropriate action to take, based on the message text that appears with this message ID.

ADAF3Z   **YYYY.MM.DD HH.MM.SS {resource} {name} not found**

Explanation   An operator command to dynamically alter the level of transaction logging was entered incorrectly. This error is produced because a resource name specified in the command was not valid. The invalid resource type (`resource`) and its name (`name`) are given in the message.

Action   Review and correct the command specifications and then rerun it. Valid transaction logging event names and levels are described in *TLOG Command* in *Event Replicator for Adabas Administration and Operations Guide*.

ADAF40	**SUBSCRIPTION requires either SFDBID or DBID**
Explanation	When specifying SUBSCRIPTION, then sub-parameters SFDBID or DBID are required.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF41	**SUBSCRIPTION requires at least one SFILE**
Explanation	When specifying SUBSCRIPTION, then at least one sub-parameters SFILE is required.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF42	**Subscription {sname} dbid {id} file {num} SFBAI and SGFORMATAI are mutually exclusive**
Explanation	When specifying SUBSCRIPTION, then sub-parameters SFBAI and SGFORMATAI are mutually exclusive. The subscription name, DBID, and file number are given in the message.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF43	**Subscription {sname} dbid {id} file {num} SFBBI and SGFORMATBI are mutually exclusive**
Explanation	When specifying SUBSCRIPTION, then sub-parameters SFBBI and SGFORMATBI are mutually exclusive. The subscription name, DBID, and file number are given in the message.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF44	**Subscription {sname} dbid {id} file {num} SFBKEY and SGFORMATKEY are mutually exclusive**
Explanation	When specifying SUBSCRIPTION, then sub-parameters SFBKEY and SGFORMATKEY are mutually exclusive. The subscription name, DBID, and file number are given in the message.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF45	**SUBTASKS exceeds maximum of 15**
Explanation	When specifying SUBTASKS, the maximum value is 15.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF46   **Parameter not allowed: 'parameter keyword'**

Explanation   When specifying a parameter, a keyword has been improperly specified and is invalid.

Action   Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF47   **Subscription {sname} dbid {id} file {num} requires SFBAI or SGFORMATAI**

Explanation   When specifying SUBSCRIPTION, then sub-parameters SFBAI or SGFORMATAI are required. The subscription name, DBID, and file number are given in the message.

Action   Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF48   **Only YES, NO, or blank are valid for: '{parameter keyword}'**

Explanation   The parameter keyword listed in the message only supports YES, NO, or blank, and the input is not matching that.

Action   Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF49   **SFILE parameters only valid for SUBSCRIPTION**

Explanation   The parameter SFILE is positioned incorrectly, and not associated with a SUBSCRIPTION.

Action   Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF4A   **{dbid} Recovering replication data**

Explanation   While performing the session autorestart procedure to recover from the abnormal end of an Adabas nucleus, Adabas found replication data on its Work data set. Adabas is now going to try to recover any replication data that may need to be sent or resent to the Event Replicator Server(s). This message and action occurs only if the ADARUN parameter `REPLICATION=YES` was specified for both the Adabas nucleus that failed and the nucleus that is performing the session autorestart.

Note that replication data from initial-state processes that were active at the time of the failure is not recovered automatically.

Action   If initial-state processes were active at the time of the failure, check whether any of them need to be rerun. If so, restart them.

ADAF4B   **{dbid} Recovery statistics for Reptor {rptid}**
{dbid} Replicated transactions recovered = {count1}{dbid} Immediately confirmed by Reptor = {count2}
{dbid} Already fully received by Reptor = {count3}
{dbid} To be sent (or resent) to Reptor = {count4}

Explanation   During session autorestart. Adabas recovered replication data from the Work data set. After connecting to the Event Replicator Server, Adabas reports:

■ how many replicated transactions were recovered that had not been confirmed as successfully processed by the Event Replicator Server before the abnormal end of the previous Adabas session (*count1*),

■ how many of those transactions were confirmed by the Event Replicator Server when Adabas reconnected after the session autorestart (*count2*),

■ how many of those transactions the Event Replicator Server fully received from the previous session (*count3*), and

■ how many recovered transactions Adabas is going to send (or resend) to the Event Replicator Server (*count4*).

If files in the database are replicated via multiple Event Replicator Servers, Adabas prints one set of these messages for each Event Replicator Server.

Action   No action is necessary for this informational message.

ADAF4C   **{dbid} Replication data overwritten on Work**
                    {dbid} Reptor ID = {rptid}
                    {dbid} Affected files = {fnr-list}

Explanation   During session autorestart, Adabas detected that one or more Event Replicator Servers had not confirmed the complete processing of one or more older transactions that had already been overwritten on the Work data set in the previous session. It reports which Event Replicator Servers and which replicated files are involved.

                    Note: This message is the forerunner of the report of the possible loss of replication data. It indicates that Adabas is unable to recover this replication data because it was already overwritten on the Work data set. However, if the Event Replicator Servers remained active across the outage of Adabas, there is a good chance that the replication data in question is still held or has already been successfully processed by the Event Replicator Servers.

Action   *Do not* take action to recover from the loss of replication data based on this message alone. The final outcome is reported subsequently in messages **ADAF4D** or **ADAF4E**.

                    If there was no backup of replication data being processed by the Event Replicator Servers at the time of the Adabas failure, consider increasing the value of the ADARUN LP parameter, so that replication data can be held longer on the Work data set.

ADAF4D   **{dbid} *** Replication data probably lost ***
                    {dbid} Reptor ID = {rptid}
                    {dbid} Affected files = {fnr-list}
                    {dbid} From time… {timestamp1}
                    {dbid} To time….. {timestamp2}

Explanation   Replication data that was overwritten on the Work data set, as reported in an earlier **ADAF4C** message, has not been processed by the Event Replicator Server nor is it still available on the Event Replicator Server side. Adabas and the Event Replicator Server are unable to recover this replication data.

The message indicates which Event Replicator Server and files may be affected, as well as the time period of the missing replication data.

If files in the database are replicated via multiple Event Replicator Servers, Adabas prints one set of these messages for each Event Replicator Server that is implicated in the probable loss of replication data.

Action	Take actions to bring the original data and its replicas back in sync. The extent to which this is necessary depends on the requirements of the application using the replication system.

ADAF4E {dbid} **Replication data recovered; not lost**
{dbid} **Reptor ID = {rptid}**
{dbid} **Affected files = {fnr-list}**

Explanation	Replication data that was overwritten on the Work data set, as reported in an earlier **ADAF4C** message, was still available on the Event Replicator Server side and has been successfully processed by the Event Replicator Server.
	If the database contains files being replicated via multiple Event Replicator Servers, Adabas prints one set of these messages for each Event Replicator Server that is not implicated in the loss of replication data.
Action	No action is required for this informational message. The original data and its replicas are in sync even though not all of the replication data could be recovered from the Work data set.

ADAF4F {dbid} **No replication data to be recovered**

Explanation	During session autorestart, Adabas found that all replicated transactions from the previous session had already been successfully processed by the Event Replicator Server before the previous session terminated abnormally. There was no replication data that needed to be recovered.
Action	No action required for this informational message. The original data and its replicas are in sync.

ADAF4G **TLOG suspended due to TLMAX exceeded**

Explanation	TLOG logging processing has used more of the replication pool than the percentage assigned it by the `TLMAX`.
Action	Determine why TLOG activity is exceeding replication pool limits. Consider adjusting the size of the replication pool or adjusting the `TLMAX`, as appropriate.

ADAF4H	**TLOGing resumed as RPL usage below TLRESTART value**
Explanation	TLOG records have been removed from the replication pool because the replication pool percentage defined by the `TLMAX` was exceeded. TLOG usage has now fallen below the percentage specified in the `TLRESTART` and so TLOG processing has resumed.
Action	No action is required for this informational message.

ADAF4I	**{number} TLOG records discarded**
Explanation	TLOG records have been deleted from the replication pool, due to a replication pool full condition. The number of records that have been deleted is given in the message.
Action	No action is required for this informational message.

ADAF4K	**ADARPL for DBID {dbid} connected, token {number}**
Explanation	An instance of the ADARPL utility has established a session with the Event Replicator Server for the database identified in the message. The token number it has been assigned is also listed in the message and can be used to track the session.
Action	No action is required for this informational message.

ADAF4L	**ADARPL for DBID {dbid} disconnected, token {number}** **Total number of transactions processed: {nnnnnnnnn}**
Explanation	An instance of the ADARPL utility has terminated its session with the Event Replicator Server for the database identified in the message. The token number listed in the message identifies the terminating session. The total number of transactions processed by the ADARPL utility is also given in the message.
Action	No action is required for this informational message.

ADAF4M	**{dbid} count record images suppressed for file {fnr}**
Explanation	After an Adabas failure and session autorestart, replication data was recovered for which a matching FDT was no longer available. The FDT had been changed or deleted by a utility operation. Adabas suppressed the record images of the replicated records, because without a matching FDT, the Event Replicator Server could not process them. This message displays how many record images were suppressed for which files. For each suppressed record image, the Event Replicator Server delivers the replicated record with response code 131, subcode 60 in fields URBRRSP and URBRSUBC of the URBR. Unless these images had already been delivered earlier to the target application, they are lost.
Action	Use application-specific means to determine whether updates to replicated records have been lost and to get the related original data and their replicas back in sync.

ADAF4N	RPLCLEANUP unable to find any active Tokens
	Requested Token for RPLCLEANUP was not found
Explanation	One of the following occurred:

- An RPLCLEANUP=ALL operator command was entered, but there were no ADARPL replay operations in progress.

- An RPLCLEANUP=token operator command was entered, but there was no ADARPL replay operation in progress with the specified token.

| Action | Supply a token for a replay operation that is in progress or start some ADARPL replay operations. The operator command DRPLSTAT can be used to identify active ADARPL replay tokens. |

ADAF4O	RPLREFRESH requested, but refresh is already active.
Explanation	A new RPLREFRESH request has been issued but a previous RPLREFRESH command is still being processed.
Action	Wait for the previous RPLREFRESH command to be processed and reenter the command.

ADAF4P	RPLREFRESH ,ABORT requested, refresh not active
Explanation	A RPLREFRESH,ABORT command has been issued but no refresh is in progress.
Action	No action is required for this informational message.

ADAF4Q	ABORT request has been scheduled
	ABORT is already scheduled
Explanation	An RPLREFRESH,ABORT command has been issued and has been either accepted or rejected (when another RPLREFRESH,ABORT is already scheduled).
Action	No action is required for this informational message.

ADAF4R	Replication data received for unknown subscription {sname}
	from Reptor {dbid} on input queue {iqueue}
Explanation	A replicated transaction was received from Event Replicator Server instance *dbid* for subscription *sub* on input queue *iqueue*, but no subscription definition was found. When unsolicited replication data is received on an input queue, the Event Replicator Server closes the input queue for further processing and message **ADAF8G** is produced.
Action	Add appropriate subscription, SFILE, and, if necessary, destination definitions to specify how the replication data should be processed. When appropriate definitions have been specified, try again.

ADAF4S	**Message received with unexpected sequence number on input queue {iqueue}, from Reptor {dbid}** **Expected: {value1} Received: {value2}**
Explanation	An out-of-sequence replicated transaction was received on the input queue *iqueue*. When this error occurs, the Event Replicator Server closes the input queue for further processing. Message **ADAF8G** will follow this message to indicate this action.
Action	The exact cause of the error should be determined and appropriate actions should be taken before you try again. Once you have resolved the problem, resume replication processing on the input queue by restarting the Event Replicator Server session from the failing point, using an initial-state definition if required.

ADAF4T	**Input Queue: {iqueue} Truncated message received**
Explanation	A truncated replicated transaction was received on the input queue *iqueue*. When this error occurs, the Event Replicator Server closes the input queue for further processing. Message **ADAF8G** will follow this message to indicate this action
Action	Either the IQBUFLEN parameter on the local Event Replicator Server node or the MAXOUTPUTSIZE parameter on the remote Event Replicator Server node needs to be increased and replication processing restarted.

ADAF4U	**Closing input queue {qname} due to replication pool overflow**
Explanation	When a request to allocate memory on behalf of an input queue fails because the replication pool is full, the input queue will be closed. The message indicates which input queue has been closed as a result of the over flow. If the replication pool has been allocated with a large enough size, problems like this can happen if there is data backing up in the Event Replicator Server address space.
Action	Investigate why the replication pool has filled up and take appropriate action to avoid this happening into the future.

ADAF4V	**Closing input queue {qname} due to unexpected input data - {bad-input-data}**
Explanation	Unexpected or bad data was received on an input queue so the input queue is closed as the Event Replicator Server is not in a position to deal with the data. The *bad-input-data* listed in the message can be any of the following:

- URBCLEN is invalid

- No prior transaction for URBC

- URBCSNAM is invalid

- URBCTSNR is invalid

- URBCRSNR is invalid

- URBCDSNR is invalid

- URBT/partial previous trans.

- Insufficient buffer for URBT

- URBTLEN is invalid

- Insufficient buffer for URB*

- Eye-catcher not URBD/URBE/URBR

- Insufficient buffer for URBE

- URBELEN is invalid

- Insufficient buffer after URBE

- URBE not followed by URBT

- Insufficient buffer for URBD

- URBDLENH is invalid

- Insufficient buffer for image

- No record for URBD

- URBDTYP is invalid

- Before image already received

- After image already received

- Insufficient buffer for URBR

- URBRLEN is invalid

- URBRTYP is invalid

To review the Event Replicator DSECTs and the definitions of the DSECT fields listed in the *bad-input-data* above, read *Event Replicator for Adabas Programmer's Reference*, in *Event Replicator for Adabas Programmer's Reference Guide*.

This message is normally the result of a payload being received on an input queue that is not from another Event Replicator Server. It may be another application sending spurious data to a queue which is then picked up by the Event Replicator Server.

Action   To determine what the payload looks like, turn on transaction logging (TLOGing) for "request received" processing using the `TLREQRECV` system parameter. This will cause the message text to be written to the TLOG. The TLOG information can subsequently be printed using the ADARPP utility. Use the message contents to determine where the spurious data originated. If not, use webMethods EntireX tracing or WebSphere MQ facilities to determine what application is sending these messages to the Event Replicator Server.

For more information about activating transaction logging for the Event Replicator Server, read *TLREQRECV Parameter*, in *Event Replicator for Adabas Reference Guide*. For information about the ADARPP utility, read *ADARPP Utility: Print TLOG Records* , in *Event Replicator for Adabas Reference Guide*.

ADAF4W	**A failure occurred while notifying the file activation driver nucleus ID {nucid} File {num} may not have been fully reactivated**
Explanation	A cluster peer nucleus encountered an error when it attempted to notify the driver nucleus of an "activate file" request.
Action	Reissue the file activation request.

ADAF4Z	**Unexpected response code {rsp}/ {subcode} from Reptor {dbid}**
Explanation	A V1 command to the Event Replicator Server identified in the message (*dbid*) returned the response code (*rsp*) and subcode (*subcode*) given in the message.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF50	**GFORMAT NAME must be seven bytes or less**
Explanation	The parameter GFORMAT NAME=ggggggg exceeds a 7 byte length restriction.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF51	**Destination definition not found for Destination {dest-name} in Subscription {subs-name}**
Explanation	When specifying additional parameter input for the subscription named in the message, a destination is referenced which has not been defined in the Replicator system file or in a DESTINATION initialization parameter.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF52	**For Subscription {ssssssss} Global format {ggggggg} not found in Global format definitions**
Explanation	When specifying additional parameter input for SUBSCRIPTION NAME=ssssssss, a global format is referenced which does not have a corresponding GFORMAT NAME=ggggggg parameter.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF54	**message-text**
Explanation	This message number is associated with several possible message texts. The following table describes all of the possibilities.

Message Text	Description
Replication error: Adabas destination *dest-id* Source DBID *src-dbid* FNR *src-fn*, Target DBID *trg-dbid* FNK *trg-fn*	This message text is issued once to the console when replication to an Adabas destination fails because the status of the target file is not as expected. This message is written to both the console and DDPRINT. However, it is written only once to the console for each destination in error.
yyyy.mm.dd hh.mm.ss Replication error: Adabas destination *dest-id* Source DBID *src-dbid* FNR *src-fn*, Target DBID *trg-dbid* FNK *trg-fn*	This message text is issued to DDPRINT every time replication to an Adabas destination fails because the status of the target file is not as expected. ADAF54 messages with this message text are only written to DDPRINT; they are not written to the console.
Key: *dump*	If the DATMETHOD parameter of an Adabas destination definition is specified as KEY, this message is used to print the hexadecimal and EBCDIC dump of the key, with the offset in hexadecimal. ADAF54 messages with this message text are only written to DDPRINT; they are not written to the console.

Action See accompanying messages in DDPRINT for more information.

ADAF55 **Subscription {subsname} database {dbid} file {nn}**
{after|before} image uses global format buffer {gfb}
This global format buffer is also used
elsewhere for a key image

Explanation When specifying additional parameter input for the subscription (*subsname*), database (*dbid*), and file (*nn*) listed in the message, a global format buffer (*gfb*) is referenced in which the format buffer is for KEY, and is incorrect.

Action Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF57 **For Subscription {subsname} database {dbid} file {nn}**
key image uses global format buffer {gfb}
This global format buffer is also used
elsewhere for a DS image

Explanation When specifying additional parameter input for the subscription (*subsname*), database (*dbid*), and file (*nn*) listed in the message, a global format buffer (*gfb*) is referenced in which the format buffer is not for KEY, and is incorrect.

Action Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF58	**Load failure for Exit {eeeeeeee}**
Explanation	A load was issued for the exit program named in parameter SFSEXIT=eeeeeeee, and it was unsuccessful.
Action	Investigate the cause of the error; correct it and restart the Event Replicator Server.

ADAF59	**Adabas destination {dest-name} is specified in more than one subscription**
Explanation	An Adabas destination is used by more than one subscription. Only one subscription may send data to an Adabas destination.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF5A	**Request to Adabas to {activate | deactivate} DBID/File {dbid/file} failed:**
Explanation	The Event Replicator Server requested the database listed in the message activate or deactivate the file listed in the message. This request failed due to one of the following reasons:

- The file is an invalid file.

- The file has not been defined for replication

- The file has not been defined for replication for this Event Replicator Server

The response code and subcode ($rrrrr$ / $sssss$) are given in the message.

Action	Check if the file is correctly defined for replication to this Event Replicator Server. If "invalid file" is indicated, check if the Event Replicator Server subscription references a file number beyond MAXFILES for the database. If a response code is given, investigate the response code and subcode to identify and correct the problem.

ADAF5H	**Reptor {rpid} has successfully processed all replicated transactions from this Adabas nucleus that ended before**
Explanation	The Event Replicator Server successfully processed all replicated transactions.
Action	No action is necessary for this informational message.

ADAF5P	**The Reptor has no information about transactions from database {dbid} for [file {fnr} | subscription {sname} | destination {dname} | replay process {token}]**
Explanation	Following an event that may cause the loss of replication data (for example, the deactivation of a destination), this message indicates that the Event Replicator server has been unable to track which replicated transactions were processed successfully before the event. This may happen, for example, if the Event Replicator server has not had contact with Adabas between the start of the Event Replicator server and the mentioned event.
Action	If replication data was lost due to the event for which this message was issued, replay the records from the PLOG data sets. During replay processing, be careful to specify a FROMDATE and FROMTIME that covers all replicated transactions that were lost.

ADAF5Q	All transactions from database {dbid} that ended before {date time} have been processed for [file {fnr} | subscription {sname} | destination {dname} | replay process {token}]
Explanation	Following an event that may cause the loss of replication data (for example, the deactivation of a destination), this message reports the latest known time for which replicated data was processed successfully; in other words any replicated transaction that ended before this time was *not* lost due to this event. There may or may not be replicated transactions that ended at or after this time which have been lost.
Action	If replication data was lost due to the event for which this message was issued and the lost data is to be replayed from the PLOG data sets, you could use the date and time listed in this message for the FROMDATE and FROMTIME of the replay process.

ADAF5R	Replay process started, token {ttttt}
Explanation	A replay process was started with the token shown in the message.
Action	No action is required for this informational message.

ADAF5S	{dbid} Replay process ended successfully
Explanation	The replay process referred to in the preceding ADAF4L message ended successfully. The Event Replicator Server returns response code 0 to the disconnecting ADARPL
Action	No action is required for this informational message.

ADAF5T	Transactions from Adabas could not be held during replay
Explanation	While the replay process referred to in the previous ADAF4L message was running (in synchronized mode), Adabas sent more replication data than the Event Replicator Server was able to hold in its replication pool until the replay process is finished. The Event Replicator Server dropped the new replication data from Adabas and the replay process (ADARPL) proceeded (in replay-only mode).
Action	Run a new replay process for the same subscriptions and destinations to replay the lost replication data that Adabas produced during the first replay process.

ADAF5U	Replay process ended with response code {rrr}, subcode {sss}
Explanation	The replay process referred to in the preceding ADAF4L message has encountered an error. The response code and subcode shown in the message is returned by Event Replicator Server to ADARPL.
Action	Investigate the cause of the error, correct it, and run a new replay job.

ADAF5V	**Starting de-logging of held transactions from Adabas** **Replay token = {ttttt}**
Explanation	When the replay process (in synchronized mode) whose token is shown in the message ended, the Event Replicator Server started delogging and processing the replication data that was sent by Adabas but suspended by the Event Replicator Server while the replay process was running.
Action	No action is required for this informational message.

ADAF5W	**De-logging of held transactions from Adabas completed** **Replay token = {ttttt}**
Explanation	The Event Replicator Server completed delogging and processing the transactions from Event Replicator Server that it had suspended while a synchronized replay completed. The token for the completed replay process is listed in the message.
Action	No action is required for this informational message.

ADAF5X	**Waiting for the completion of update transactions, referencing file {fnr}**
Explanation	This informational message indicates that processing is waiting for the completion of all updates to the file referenced in the message.
Action	No action is required for this informational message.

ADAF5Y	**All update transactions active at the time file {fnr} was activated, have completed** **- Notifying nucleus {nucid}**
Explanation	All update transactions active have completed successfully when the file referenced in the message was activated.
Action	No action is required for this informational message.

ADAF5Z	**Building pseudo transaction to inform Reptor {rpid} that file {fnr} has been activated**
Explanation	This is an internal message that occurs as a result of activating the file named in the message.
Action	No action is required for this informational message.

ADAF60	**At least one ISUBSCRIPTION, IDESTINATION or IFILE** **is required for INITIALSTATE {name}**
Explanation	The initial-state definition named in the message has no associated subscriptions, destinations or files.
Action	Correct the initial-state definition and restart the Event Replicator Server.

ADAF61	DAIFILE f{####, }DAIDBID d{#### }in Destination {dddddddd} does not have a matching DBID/FILE in Subscription {ssssssss}
Explanation	For DESTINATION NAME=dddddddd, the specified DAIFILE=f#### and DAIDBID=d#### parameters do not have a corresponding SFILE and SFDBID combination in the specified DASUBSCRIPTION=ssssssss.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF62	FILTER {name} {filter-name} is not unique
Explanation	An attempt was made to define a filter with the name specified in the message more than once. The specified name is not unique.
Action	Change one of the duplicate filter definition names to a different, unique, name.

ADAF63	Delete failure for Exit {eeeeeeee}
Explanation	When a non-zero return code occurs in the execution of ADARPD, then any exits loaded during this execution will be deleted. There was a failure in deleting the exit program *eeeeeeee*.
Action	Investigate the cause of the error; correct it and restart the Event Replicator Server.

ADAF64	Invalid Resendbuffer Name {name}
Explanation	The resend buffer definition name shown in the message is not valid. The name must:

- Be comprised of one to eight uppercase, alphanumeric, and national characters (@,$,#). If the name is less than eight characters, it is automatically padded on the right with blanks.
- Be enclosed in single quotes (') if any national characters are used.
- Not begin with a numeric character or a blank.
- Have no embedded blanks.
- Not begin with the letters "SYS".

Action	Correct the name and try again.

ADAF65	GFORMAT name {ggggggg} is not unique
Explanation	Duplicate names for global format definitions have been found.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF66	IQueue name {name} is not unique
Explanation	There have been duplicate IQUEUE NAME=*name* statements found.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF67	Destination name {dddddddd} is not unique
Explanation	There have been duplicate DESTINATION NAME=dddddddd found.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF68	Input DBID d{####, }FILE f{#### }not unique in Adabas Destination {dddddddd}
Explanation	In DESTINATION NAME=dddddddd, there are duplicate DAIFILE=f#### and DAIDBID=d#### found..
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF69	Subscription name {ssssssss} is not unique
Explanation	There have been duplicate SUBSCRIPTION NAME=ssssssss found.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF6A	ResendBuffer {resendbuffer-name} not found for Subscription {subscription-name}
Explanation	The resend buffer name specified in the SRESENDBUFFER parameter has not been defined.
Action	Either correct the SRESENDBUFFER parameter specification or create a corresponding RESENDBUFFER definition for the resend buffer. Then restart the Event Replicator Server.

ADAF6B	Input Queue {queue} has invalid data
Explanation	An error occurred when reading the Replicator system file for the input queue named in the message.
Action	The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6C	Destination {dest} has invalid data in a subsequent record
Explanation	An error occurred when reading the Replicator system file for the ADABAS destination named in the message.
Action	The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6D	Destination {dest} has invalid data
Explanation	An error occurred when reading the Replicator system file for the destination named in the message.
Action	The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6E	Initial state {is-name} has invalid sequence data
Explanation	An error occurred when reading the Replicator system file for the initial-state definition named in the message.
Action	The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6F	Subscription {subscription} has an invalid {fmtbuffertype}
Explanation	An error occurred when reading the Replicator system file for the subscription named in the message. The format buffer for this subscription had an incorrect length. The format buffer item is substituted in the message for *fmtbuffertype*. Possible values are: ■ format buffer before image ■ format buffer after image ■ format buffer key
Action	The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6G	Subscription {subscription} has invalid data (subtype n)
Explanation	An error occurred when reading the Replicator system file for the subscription named in the message. An internal structure was found to be invalid.
Action	The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6H	Initial State {is-name} has an invalid length for the selection criteria
Explanation	An error occurred when reading the Replicator system file for the initial-state definition named in the message. The selection criteria has an invalid length.
Action	The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6I	Global Format {name} has an invalid length
Explanation	An error occurred when reading the Replicator system file for the global format definition named in the message. The global format buffer has not been correctly generated.
Action	Regenerate the global format buffer using the Adabas Event Replicator Subsystem or Event Replicator Administration. If the problem persists, contact your Software AG customer support representative with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6J	Subscription {subscription} has invalid data
Explanation	An error occurred when reading the Replicator system file for the subscription named in the message
Action	The Adabas Event Replicator Subsystem can be used to delete and correct the information. If necessary, notify support with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6L	ADARUN RPLPARMS={parm} is specified but the Replicator file does not exist
Explanation	A Event Replicator Server database has ADARUN RPLPARMS=FILE or ADARUN RPLPARMS=BOTH specified but the Replicator file does not exist.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF6M	DACTIVE must be YES or NO
Explanation	The value of the `DACTIVE` subparameter must be either "YES" or "NO". `DACTIVE` is a parameter of the `DESTINATION` initialization parameter.
Action	Check the parameter input, supply a valid value, and restart the Event Replicator Server.

ADAF6N	SACTIVE must be YES or NO
Explanation	The value of the SACTIVE subparameter must be either "YES" or "NO". SACTIVE is a parameter of the SUBSCRIPTION initialization parameter.
Action	Check the parameter input, supply a valid value, and restart the Event Replicator Server.

ADAF6O	Valid range for IRMSGLIMIT is 3 to 2,147,483,647
Explanation	The value of the IRMSGLIMIT initialization parameter must be between 3 and 2,147,483,647.
Action	Check the parameter input, supply a valid value, and restart the Event Replicator Server.

ADAF6P	Valid range for IRMSGINTERVAL is 1 to 2,147,483,647
Explanation	Valid values for the IRMSGINTERVAL parameter must be between 1 and 2,147,483,647.
Action	Check the parameter input; supply a correct value, and restart the Event Replicator Server.

ADAF6Q	SINCREMENTIS must be YES or NO
Explanation	Valid values for the SINCREMENTIS parameter are "YES" or "NO".
Action	Check the parameter input; supply a correct value, and restart the Event Replicator Server.

ADAF6R	Valid range for IMAXREQ is 1 to 2,147,483,647
Explanation	Valid values for the IMAXREQ parameter must be between 1 and 2,147,483,647
Action	Check the parameter input; supply a correct value, and restart the Event Replicator Server.

ADAF6S	DLOG must be YES or NO
Explanation	An invalid value was specified for the DLOG subparameter of the DESTINATION NAME parameter. Valid values are "YES" or "NO".
Action	Check the parameter input; supply a correct value, and restart the Event Replicator Server.

ADAF6T	**VERIFYMODE must be {YES|Y} or {NO|N}**
Explanation	An invalid value was specified for the `VERIFYMODE` parameter in the DDKARTE statements of the Event Replicator Server startup job or for the **Verify Mode** global value setting in the Replicator system file.
	Valid values for the `VERIFYMODE` parameter are YES or NO, with a default of NO. Valid values for the **Verify Mode** global value setting are Y or N, with a default of N.
Action	Correct the `VERIFYMODE` parameter setting or the **Verify Mode** global value setting, as appropriate for your Event Replicator for Adabas implementation, and try again.

ADAF6U	**FBVALIDATION must be NONE, WARN, DEAC, or ABORT** **Format buffer validation must be N for NONE, W for WARN, D for DEAC, or A for ABORT**
Explanation	An invalid value has been specified for the `FBVALIDATION` parameter or in the **Format Buffer Validation** field.
Action	Correct the input value and restart the Event Replicator Server.

ADAF6V	**DATABASE DBCONNECT parameter must be YES or NO**
Explanation	An invalid value was specified for the `DBCONNECT` parameter.
Action	Specify either "YES" or "NO" as a value for the `DBCONNECT` parameter or allow `DBCONNECT` to take the default value of "YES".

ADAF6W	**DATABASE requires both DBCONNECT and ID parameters**
Explanation	You must specify values for both the DATABASE `DBCONNECT` and `ID` parameters.
Action	Correct the input values and restart the Event Replicator Server.

ADAF6X	**Duplicate entry for database {dbid} invalid**
Explanation	Database *dbid* has been specified more than once either in the DDKARTE input or via one of the online applications in the Replicator system file.
Action	Remove all but one of the definitions for the database and restart the Event Replicator Server.

ADAF6Y	**Global Format {gfb} {error}**
Explanation	An error occurred when reading the Replicator system file for the global format buffer definition named in the message (*gfb*). The global format buffer has not been correctly generated. Possible errors (*error*) listed in the message are:

- has invalid SubType
- has invalid Header

■ Invalid Field type

■ FT Buffer too small

Action	Regenerate the global format buffer using the Adabas Event Replicator Subsystem or Event Replicator Administration. If the problem persists, contact your Software AG customer support representative with the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAF6Z	**Status/response {rsp} received from Reptor {rpid} on input queue {qname} TIME = {date time} RSP = {rc}, SUBC = {sc}, EXRRI = {err} INAM = {initial-state-name} SNAM = {subscription-name} DNAM = {destination-name} DBID = {dbid}, FNR = {fnr} UTOK = {token}**
Explanation	This informational message lists information returned from the Event Replicator Server.
Action	No action is necessary for this informational message. Review other associated messages to see if an error occurred.

ADAF70	**SFDBID d{####}, SFILE f{####} not unique in Subscription {ssssssss}**
Explanation	In SUBSCRIPTION NAME=*ssssssss*, there are duplicate SFDBID=d#### and SFILE=f#### found.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF71	**Value NONE invalid in SDESTINATION for Subscription {ssssssss}**
Explanation	In SUBSCRIPTION NAME=*ssssssss*, there is an SDESTINATION='NONE'. "NONE" is a reserved keyword for SIDESTINATION.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF72	**SDESTINATION {sdsdsdsd} is not unique within Subscription {ssssssss}**
Explanation	In SUBSCRIPTION NAME=ssssssss, there is an SDESTINATION specifying duplicate destinations of *sdsdsdsd*.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF73	**SIDESTINATION {sisisisi} is not unique within Subscription {ssssssss}**
Explanation	In SUBSCRIPTION NAME=*ssssssss*, there is an SIDESTINATION specifying duplicate destinations of *sisisisi*.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF74	**Input DBID/File may not equal Target DBID/File in Destination {dddddddd}**
Explanation	In DESTINATION NAME=dddddddd, the DBID/FILE is matching between Input DBID/FILE and Target DBID/FILE.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF75	**SARC must be a value between 0 and 11**
Explanation	The parameter SARC has a value not between 0 and 11.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF76	**SIDESTINATION is invalid. Either specify NONE or specify the destination names**
Explanation	The parameter SIDESTINATION has both NONE and destination names specified.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF77	**ISUBSCRIPTION or IDESTINATION not unique**
Explanation	The list of subscriptions specified in ISUBSCRIPTION parameter or list of destination specified in IDESTINATION parameter is not unique.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF78	**IFILE parameters only valid for INITIALSTATE**
Explanation	IFILE parameter specified without INITIALSTATE keyword.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF79	**ISNLIST and SELCRIT are mutually exclusive**
Explanation	Both ISNLIST and SELCRIT parameters specified.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF7B	**ADAF7B ISNLIST, SELCRIT or IDBID specified without IFILE parameter**
Explanation	The ISNLIST, SELCRIT and IDBID parameters can be specified only with IFILE parameters.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF7C	Illegal SELCRIT expression.
Explanation	The SELCRIT parameter expression is illegal.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF7D	ResendBuffer name {resendbuffer-name} is not unique
Explanation	The resend buffer name provided in the RESENDBUFFER parameter has been defined previously. The names must be unique.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF7E	Destination {dest-name} has been changed to type NULL
Explanation	Event Replicator for Adabas is running in verify mode, so all destinations are changed to null-type destinations.
	This message is generated for every destination that is changed to DTYPE=NULL when VERIFYMODE=YES is specified.
Action	No action is required for this informational message.

ADAF7F	{AI|BI|KEY} decompression response {rc-code} subcode {rc-subcode} subscription {name} DBID {id} FNR {file-num} ISN {isn}
Explanation	A decompression failure occurred during the subscription phase of Event Replicator for Adabas processing. This failure is due to faulty format buffer or key data specified in a subscription definition.
Action	Correct the format buffer or key data and try again.

ADAF7G	Successful {AI|BI|KEY} decompression for subscription {name} DBID {id} FNR {file-num} ISN {isn}
Explanation	Decompression during the subscription phase of Event Replicator for Adabas processing was successful; there were no errors.
	This message is generated when Event Replicator for Adabas is running in verify mode and decompression is successful in the subscription phase.
Action	No action is required for this informational message.

ADAF7H	Misuse of A() or X() notation: {value}
Explanation	The value listed in the message does not obey the rules and restrictions governing the use of A() or X() notation as part of FLIST data. For more information, please read *Rules for Writing Filter Conditions* in *Adabas Event Replicator Subsystem User's Guide*.
Action	Check the FLIST input, correct the error, and restart the Event Replicator Server.

ADAF7I	**Misuse of commas in FLIST: {list}**
Explanation	The list given in the message does not obey the rules and restrictions governing the use of comma characters as part of FLIST data. For more information, please read *Rules for Writing Filter Conditions* in *Adabas Event Replicator Subsystem User's Guide*.
Action	Check the FLIST input, correct the error, and restart the Event Replicator Server.

ADAF7J	**Misuse of wildcharacter in value: {value}**
Explanation	The value listed in the message does not obey the rules and restrictions governing the use of wildcard characters as part of FLIST data. For more information, please read *Rules for Writing Filter Conditions* in *Adabas Event Replicator Subsystem User's Guide*.
Action	Check the FLIST input, correct the error, and restart the Event Replicator Server.

ADAF7K	**Invalid hexadecimal input for X() notation: {value}**
Explanation	The value listed in the message expects to use X() notation but the data between the parentheses does not represent valid hexadecimal data.
Action	Check the FLIST input, correct the error, and restart the Event Replicator Server.

ADAF7L	**Filter {filter}, Group {group}, Condition {condition} inconsistent with value list.**
Explanation	The filter identified by the *filter*, *group* and *condition* listed in the message specifies FLIST data which cannot be evaluated against the FCOND operation specified. For the correct usage, please read *Rules for Writing Filter Conditions* in *Adabas Event Replicator Subsystem User's Guide*.
Action	Modify the FLIST input or the FCOND parameter to correct the error. Then restart the Event Replicator Server.

ADAF7M	**When specified, SELCRIT must be nonblank**
Explanation	The parameter SELCRIT contains only blanks.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF7N	**SDEACTIVATE must be YES or NO**
Explanation	An invalid value was specified for the SDEACTIVATE parameter.
Action	Correct the value and try again.

ADAF7O	Subscription {subsname} database {dbid} file {nn} {before|after|key} image uses global format buffer {gfb} This global format buffer contains field table information. It may not be used by more than one combination of database and file
Explanation	A global format buffer (GFB) definition contains a field table and is used for more than one combination of database ID and file number. This is not allowed.
Action	Correct the subscription so that the GFB field table is used for a single combination of database ID and file number.

ADAF7P	Subscription {subsname} database {dbid} file {nn} {before|after|key} image uses global format buffer {gfb} This global format buffer is also used by subscription {subsname} database {dbid} file {nn} A global format buffer may not be used for the same file number on different databases
Explanation	A global format buffer (GFB) definition is used by a subscription for the same file number on different databases. This is not allowed.
Action	Correct the subscription so that the GFB is used properly.

ADAF7Q	IDBID {idbid}, IFILE {fn} not unique in initial-state
Explanation	The initial-state database ID and file number are not unique for the initial-state definition, although they must be.
Action	Correct the initial-state definition so that is includes unique database ID and file number combinations.

ADAF7X	DAREPLICATEUTI=YES requires DREPLICATEUTI=YES
Explanation	An attempt was made to turn on utility replication for a file (DAREPLICATEUTI) in an Adabas destination, without also turning on utility replication for the Adabas destination in general.
Action	Correct the parameter input and restart the Event Replicator Server.

ADAF7Z	DREPLICATEUTI must be YES or NO
Explanation	An invalid value was specified for the DREPLICATEUTI parameter. Valid values are "YES" or "NO".
Action	Correct the parameter input and restart the Event Replicator Server.

ADAF80	**Invalid INITIALSTATE definition NAME={is-name}** **Destination {dname} in subparameter IDESTINATION undefined**
Explanation	The initial-state definition named in the message is invalid because the destination specified in the IDESTINATION parameter is not defined in the Replication system file or by a DESTINATION initialization parameter. The destination name is also given in the message.
Action	Correct the destination that is referenced by the IDESTINATION parameter of the initial-state definition or add an appropriate destination definition to the Replicator system file or Event Replicator Server startup job, if necessary. You can add and modify replication definitions using initialization parameters, the Adabas Event Replicator Subsystem, or Event Replicator Administration.
	Once the definitions and parameters are correctly specified, restart the Event Replicator Server.

ADAF81	**Invalid INITIALSTATE definition NAME={is-name}** **Wrong IFILE supplied**
Explanation	The IFILE parameter of the initial-state definition is incorrect. Either IFILE=0 is specified or the IFILE parameter is omitted.
Action	Correct the initial-state parameter specifications. Once the definitions and parameters are correctly specified, restart the Event Replicator Server.

ADAF82	**Invalid INITIALSTATE definition NAME={is-name}** **Subscription {sname} in subparameter ISUBSCRIPTION undefined**
Explanation	The initial-state definition named in the message is invalid because the subscription specified in the ISUBSCRIPTION parameter is not defined in the Replication system file or by a SUBSCRIPTION initialization parameter. The subscription name is also given in the message.
	One or more subscriptions specified in ISUBSCRIPTION parameter are not defined in SUBSCRIPTION settings.
Action	Correct the subscription that is referenced by the ISUBSCRIPTION parameter of the initial-state definition or add an appropriate subscription definition to the Replicator system file or Event Replicator Server startup job, if necessary. You can add and modify replication definitions using initialization parameters, the Adabas Event Replicator Subsystem, or Event Replicator Administration.
	Once the definitions and parameters are correctly specified, restart the Event Replicator Server.

ADAF83   **Invalid INITIALSTATE definition NAME={is-name}**
             None of the specified destinations receive data from
             subscription {sname}

Explanation   The initial-state definition named in the message is invalid because none of the
                  destinations receive data from the subscription specified in the ISUBSCRIPTION
                  parameter.

Action   Correct the ISUBSCRIPTION parameter to identify the correct subscription or update
             the associated subscription definition so it sends data to one of the destinations
             specified in the initial-state definition. You can add and modify replication definitions
             using initialization parameters, the Adabas Event Replicator Subsystem, or Event
             Replicator Administration.

             Once the definitions and parameters are correctly specified, restart the Event Replicator
             Server.

ADAF84   **Invalid INITIALSTATE definition NAME={is-name}**
             None of the specified or implied destinations receive data
             from database {dbid} / file {fnr}

Explanation   The initial-state definition named in the message is invalid because none of the
                  destinations listed in the initial-state definition receive data from the database and
                  file listed in the message.

Action   Correct one or more of the following, as necessary:

             ■ Correct the ISUBSCRIPTION parameter in the initial-state definition to identify the
               correct subscription.

             ■ Update one or more SFILE definitions within the associated subscription definition
               so it sends data from the database and file listed in the message.

             You can add and modify replication definitions using initialization parameters, the
             Adabas Event Replicator Subsystem, or Event Replicator Administration.

             Once the definitions and parameters are correctly specified, restart the Event Replicator
             Server.

ADAF85   **DARC must be a value between 0 and 3**

Explanation   The parameter DARC has a value that is not between 0 and 3.

Action   Check the parameter value, correct the error, and restart the Event Replicator Server.

ADAF86	**Invalid INITIALSTATE definition NAME={is-name}** **INITIALSTATE with IFILE requires either IDBID or DBID**
Explanation	Neither IDBID nor DBID specified for IFILE parameter.
Action	Check the parameter input, correct the error, and restart the Event Replicator Server.

ADAF87	**AMI R={request} Q={details} RC={nnn}/{nnn}/{xxxxxxxx}/{xxxxxxxx}**
Explanation	This message is issued when an error is encountered while communicating with the Adabas Messaging interface. When the error occurs as a result of a configuration or other expected error, a preceding message will have been issued to give more detailed information as to what the problem may be. If the error is not expected, you will need to use the information in this message along with the documentation from your messaging system to determine what caused the error. R = Identifies the request that was issued. Q = Gives 8 bytes of detail about the resource where the problem occurred. In some cases, such as the broker ID or the MQ Manager, only the first 8 bytes are given to indicate what was involved. RC = Provides the ADABAS Messaging Interface return and reason code and the underlying messaging subsystem return and reason codes respectively to help with error diagnosis.
Action	If the message is preceded by another message indicating what the problem was, proceed based on that message. If the error was unexpected, try to determine from the messaging system response and reason codes what the problem was. If this fails, contact your Software AG technical support representative.

ADAF88	**load failed for {mmmmmmmm}**
Explanation	The load of the ADAETB/ADAMQS module has failed. The module name is given as *mmmmmmmm*.
Action	Ensure the given module is available to the Event Replicator Server. Contact your DBA, system support personnel, or Software AG technical support if further assistance is needed.

ADAF89	**Internal error in output subtask {nnn}** **Internal error at {aaaaaaaa} = {mmmmmmmm}+{oooooo}** **reg0 reg1 reg2 reg3 (R0-R3)** **reg4 reg5 reg6 reg7 (R4-R7)** **reg8 reg9 reg10 reg11 (R8-RB)** **reg12 reg13 reg14 reg15 (RC-RF)**
Explanation	Subtask number *nnn* has encountered an internal error at address 'aaaaaaaa'. If available, a module name *mmmmmmmm* and offset *oooooo* are provided. The register contents at the time of the error are also printed.

Action	The subtask is terminated. Contact Software AG technical support for further assistance.

ADAF8A	**Destination: {destination} Open failed: {reason-code}**
Explanation	This message indicates that the attempt to open the indicated destination failed. The reason code indicates why the open attempt failed. This will normally occur if the DESTINATION has not been properly defined.
Action	Determine the reason for the failure based on the supplied reason code and correct the condition. If the reason for the failure is "Unexpected reason code", refer to the codes returned in the subsequent **ADAF87** message.

ADAF8B	**Connect failed: {zzzzzzzzzzzzzzzzzzzzzzzzzzzzzzz}** **xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx**
Explanation	This message is issued when an error is encountered while communicating with the Adabas messaging interface. *XX.XXXX* is the name of the queue manager. *ZZ.ZZZZ* is the reason for the failure. The following reasons can occur due to configuration or resource issues while running Event Replicator Server. If any other reason appears, please contact your local support center. ■ Queue name unknown - For WebSphere MQ, the queue name associated with the destination or input queue has not been defined to WebSphere MQ system. For webMethods EntireX, the service name associated with the destination or input queue has not been defined to webMethods EntireX. You must review the parameter definitions associated with the destination or input queue and ensure that the appropriate definitions have been set up correctly in WebSphere MQ or webMethods EntireX. ■ Messaging System incorrect - For WebSphere MQ, the queue manager is not known to WebSphere MQ. For webMethods EntireX, the broker ID is not accessible on the system. You must review the parameter definitions associated with the destinations and/or input queues and ensure that the appropriate definitions have been set up correctly in WebSphere MQ or webMethods EntireX. ■ Messaging System resource error - There is a resource problem in the WebSphere MQ queue manager or webMethods EntireX being used as the message transport. Review the details of the following message to determine what the resource problems may be. ■ Insufficient storage - An attempt to get memory failed. You must review the size of the Event Replicator Server address space.
Action	See listings of failure reasons above.

ADAF8C   **{ddddd} {request} for {resource} failed: {reason}**

Explanation   This message is issued when an error occurs during Event Replicator Server processing of resources associated with the messaging system being used.

The *request* value in the message is the request that was issued (e.g. INIT, SEND, RECEIVE etc.)

The *resource* listed in the message is the resource on which the request failed. For example, when a SEND fails to a specific destination, *resource* will be the name of the destination where the failure occurred.

The *reason* listed in the message is the reason for the failure. The following reasons can occur due to configuration or resource issues while running Event Replicator Server. If any other reason appears, please contact your local support center.

■ *Queue name unknown* - For WebSphere MQ, the queue name associated with the destination or input queue has not been defined to the WebSphere MQ system. For EntireX broker, the service name associated with the destination or input queue has not been defined to broker. You must review the parameter definitions associated with the destination or input queue and ensure that the appropriate definitions have been set up correctly in WebSphere MQ or EntireX broker.

■ *Messaging System incorrect* - For WebSphere MQ, the queue manager starting with the 8 characters in yyyyyyyy is not known to WebSphere MQ. For webMethods EntireX, the Broker ID starting with the 8 characters in yyyyyyyy is not accessible on the system. You must review the parameter definitions associated with the destinations and/or input queues and ensure that the appropriate definitions have been set up correctly in WebSphere MQ or EntireX broker.

■ *Messaging System resource error* - There is a resource problem in the WebSphere MQ queue manager or webMethods EntireX being used as the message transport. Review the details of the following message to determine what the resource problems may be.

■ *Insufficient storage* - An attempt to get memory failed. You must review the size of the Event Replicator Server address space.

■ *Destination is full* - The destination specified by yyyyyyyy is full. This indicates that the WebSphere MQ Queue Manager or webMethods EntireX has refused to accept any more data. The Event Replicator Server will periodically retry to send the data and, when it successfully manages to send data, will revert back to normal mode and send data as it arrives at the Event Replicator Server. The destination reaches capacity if the data consumer does not remove data from the destination more quickly than the Event Replicator Server can send data to that destination.

Action   See listings of failure reasons above.

ADAF8D	delete failed for {yyyyyyyy}
Explanation	An attempt to delete the module *yyyyyyyy* from storage failed. This should not occur and should be reported to your local support center.
Action	Contact your local support center.

ADAF8E	Open or Close already in progress for {queue-name}
Explanation	A request has been received to open or close a queue which is already in the process of being opened or closed.
Action	Retry the request after the outstanding open or close request has completed.

ADAF8F	Input queue {queue-name} already opened
Explanation	A request to open the input queue listed in the message failed because the queue was already open.
Action	Verify that you have specified the correct queue in the request and try again.

ADAF8G	Close for input queue {queue-name }successful
Explanation	The input queue close request completed successfully.
Action	No action is required for this informational message.

ADAF8H	Open for input queue {queue-name } {status}
Explanation	The input queue open request either completed successfully or failed, as specified in the message (*status*). The name of the input queue is given in the message.
Action	No action is required for this informational message.

ADAF8I	Warning: one or more destinations defined with DLOG=YES but SLOG file is not loaded
Explanation	You have specified DLOG=YES on the definition of one or more destinations, but an SLOG file has not been defined to the Event Replicator for Adabas.
Action	Determine if DLOG=YES is required and, if so, define an SLOG file to Event Replicator Server. For more information, read *Setting Up Subscription Logging* in *Event Replicator for Adabas Administration and Operations Guide*.

ADAF8J	**SLOG cleanup process starting**
Explanation	The SLOG cleanup process has started.
Action	No action is required for this informational message.

ADAF8K	**{xx,xxx,xxx,xxx} items deleted for {destination {destname}}|{replay instance that started at {date} {time}}**
Explanation	One of the following occurred:

- The Event Replicator Server destination identified in the message had data on the SLOG. However, when the Event Replicator Server was initialized, the destination had the SLOG facility turned off, so the data on the SLOG file is deleted.

- In a previous Event Replicator Server session, a replay process that started at the date and time given in the message had data on the SLOG. When the Event Replicator Server was initialized, the replay-related data was deleted from the SLOG file.

The number of transactions deleted from the SLOG file is given in the message.

Action	No action is required for this informational message.

ADAF8L	**SLOG cleanup process {aborted|completed|halted}**
Explanation	The SLOG cleanup process has finished.
Action	No action is required for this informational message.

ADAF8M	**Unexpected error xxx encountered while referencing DATA storage RABN {xx,xxx,xxx,xxx}**
Explanation	An unexpected error occurred related to the data storage RABN listed in the message.
Action	Identify and fix the problem from the response code and data storage RABN listed in the message or contact your Software AG technical support representative for assistance.

ADAF8N	**{Open|Close} request {name} for destination {destname}**
Explanation	An open or close request was received or rejected for the destination named in the message. This may occur if a previous open or close request is still in progress for the destination.
Action	No action is required for this informational message.

ADAF8O   **Subscription {subs-name} Filter {filter-name} Field {fn} error: {error-desc}**

Explanation   An error occurred with the field, filter, and subscription named in the message. A description of the error is also listed in the message. Possible error descriptions are:

- **Begin byte or length not supported for field format**

- **Begin byte plus length greater than field length**

- **Field, PE or MU instance not found in Format buffer**

- **Field specified cannot be used in field level filter**

- **Field type unrecognised**

- **Invalid begin byte specified**

- **Invalid length specified**

- **Invalid or out of range FLIST data: {data}**
  hex: {hex}

- **Source field type incompatible with target**

Action   Correct the problem indicated by the error description.

ADAF8P   **Data read in SLOG for destination {destname} which now has DLOG=NO set**

Explanation   SLOG data has been found for the destination listed in the message, which now has DLOG=NO set. This implies that at some point in the past, DLOG=YES was set and was subsequently changed. Be aware that this message indicates that previously logged data is now lost.

Action   If logging should not be active for the destination, this can be ignored. However, if it should be active, determine why the configuration was changed.

ADAF8Q   **Data read in SLOG for destination {destname} which is not configured**

Explanation   SLOG initialization processing has encountered data on the SLOG system file for the destination listed in the message. However, the destination is not defined in the current configuration. All SLOG data related to the destination will be deleted.

Action   If the destination should be defined, determine why it was omitted from the configuration.

ADAF8R	**Reptor initialization terminated at the request of destination** **output user exit {exit-name} for destination {dest-name }**
Explanation	A destination output user exit requested that the Event Replicator Server terminate.
Action	No action is required for this informational message.

ADAF8S	**SLOG init completed successfully**
Explanation	SLOG initialization processing completed successfully.
Action	No action is required for this informational message.

ADAF8T	**An unexpected error occurred in SLOG related processing** **{message-text-varies}** **response code {respcode} / reason code {reascode}**
Explanation	An unexpected error occurred during SLOG processing. The details of the error are provided in the second line of the message, as described in the following table. The response code and reason code are also provided in the message.

Message Text	Description
Adabas Call Failed CMD=*command*	During SLOG processing, an Adabas call failed. The message provides the Adabas CMD that failed and provides associated reason and response codes.
Error returned from ADABAS L3 read in RPSLI	An unexpected response code was received from Adabas during SLOG initialization.
Failure to acquire WORK pool space	During SLOG processing, an attempt to acquire work pool storage space failed.
L3 request on SuperDescriptor S1 failed	During SLOG read processing, an unexpected error occurred while reading the S1 descriptor.
L3 request on SuperDescriptor S2 failed	During SLOG read processing, an unexpected error occurred while reading the S2 descriptor.
Workpool storage request failed for CQE	Insufficient storage was available to initialize the Event Replicator Server SLOG facility.

Action	Investigate the response and reason codes to determine the cause of the problem and correct it. If you get the "Workpool storage request failed for CQE" message text, verify that sufficient storage is available for Event Replicator Server initialization.

ADAF8U	**Destination {destname} open failed** **Destination {destname} opened on some tasks** **Destination {destname} opened on all tasks**
Explanation	This is an informational message that indicates the result of an open request for the destination listed in the message.
Action	If the open request failed, review associated messages to determine why it failed; then correct the problem. Otherwise, no action is required for this informational message.

ADAF8V	**Destination {destname} already open**
Explanation	A request to open the destination listed in the message failed because the destination was already open.
Action	Verify that you have specified the correct destination in the request and try again.

ADAF8W	**Destination {destname} close failed** **Destination {destname} closed on some tasks** **Destination {destname} closed on all tasks**
Explanation	This is an informational message that indicates the result of a close request for the destination listed in the message.
Action	If the close request failed, review associated messages to determine it failed; then correct the problem. Otherwise, no action is required for this informational message.

ADAF8X	**Destination {destname} already closed**
Explanation	A request to close the destination listed in the message failed because the destination was already closed.
Action	Verify that you have specified the correct destination in the request and try again.

ADAF8Y	**{message-text}**
Explanation	

Message Text	Explanation
Terminating with data in SLOG for database-related input transactions	The Event Replicator Server terminated with database-related input transactions from the Adabas nucleus logged on the SLOG system file.
The database-related input transactions on the SLOG system file contain only FCB/FDT data	This message may appear with the one above. The Event Replicator Server terminated with database-related input transactions on the SLOG file that contained only FCB or FDT data. This indicates that no replicated input transactions are pending on the SLOG system file at the end of the last session.
Terminating with data in SLOG for destination *destname*	The Event Replicator Server terminated with logged data on the SLOG system file for the destination listed in the message.

Message Text	Explanation
Terminating with data in SLOG for replay with token *token*	The Event Replicator Server terminated with logged data on the SLOG system file for the instance of the replay process identified by the token given in the message.

Action No action is required for these informational messages. Once the Event Replicator Server is restarted, this data will be cleared from the SLOG file.

ADAF8Z **{Statistics }**

Explanation This message is displayed in response to the operator command `DRPLPARM`. It shows the replication-related parameters.

Action No action is required for these informational messages.

ADAF90 **{nnn} output subtasks to be attached**

Explanation Event Replicator Server is preparing to attach output subtasks.

Action None required. This message is for information only.

ADAF91 **subtask nnn attach error nnn occurred**

Explanation An error occurred while a Event Replicator Server output subtask was being attached.

Action Contact your DBA, system support personnel, or Software AG technical support.

ADAF92 **{type} subtasks have been initialized**

Explanation All of the Event Replicator Server subtasks of the specified *type* (input or output) have been successfully attached.

Action None required. This message is for information only.

ADAF93 **{nnn} input subtasks to be attached**

Explanation This message indicates the number *nnn* of subtasks that will be attached.

Action None required. This message is for information only.

ADAF94 **{nnn} [{input}] subtasks have been detached**

Explanation The Event Replicator Server input or output subtask termination process has completed. The total number of subtasks that have been terminated is given in the message (*nnn*)

    Note: If the message is for input subtask termination, the word "input" is included in the message text. If the word "input" is not included in the message text, the message is for output subtask termination.

Action	No action is required for this informational message.

ADAF95	**All {type} subtasks could not be initialized**
Explanation	One or more Event Replicator Server subtasks of the specified *type* (input or output) could not be started successfully. One possible reason for this might be that the default subtask wait time (or the time specified by the SUBTASKWAIT parameter) is insufficient for your system.For more information about the SUBTASKWAIT parameter, read *SUBTASKWAIT (Subtask Wait Time) Parameter*, in the *Event Replicator for Adabas Reference Manual*
Action	Evaluate the setting of the SUBTASKWAIT parameter for your Event Replicator Server and consider increasing it (or setting it if it has not been set). If you still need assistance or the problem persists, contact your DBA, system support personnel, or Software AG technical support.

ADAF96	**[{input}] subtask {nnn} detach error {eee} occurred**
Explanation	An error occurred while a Event Replicator Server input or output subtask was being detached. The subtask number (*nnn*) and the error number (*eee*) are given in the message.
	Note: If the message is for input subtask termination, the word "input" is included in the message text. If the word "input" is not included in the message text, the message is for output subtask termination.
Action	Adabas termination continues. Contact your DBA, system support personnel, or Software AG technical support for assistance.

ADAF97	**waiting for the termination of Reptor [{input}] subtasks**
Explanation	The termination of Event Replicator Server input or output subtasks is in progress.
	Note: If the message is for input subtask termination, the word "input" is included in the message text. If the word "input" is not included in the message text, the message is for output subtask termination.
Action	None required. This message is for information only.

ADAF98	**Error encountered while attempting to {<action>} input queue {iiiiiiii} {<additional information>}**
Explanation	This message has multiple texts, as described in the following table.

Message Text	Explanation
Error encountered while attempting to terminate input queue *iiiiiiii* F=*ffffffffff*/*yyyyyyy* *nnn*/*xxxxxxx*/*yyyyyyy*	An error was encountered while attempting to terminate input queue *iiiiiiii*. The request that was issued (*ffffffffff*) is given in the message and contains values such as INIT, SEND, and RECEIVE . The return code and reason codes are given as values for RC=*nnn*/*nnn*/*xxxxxxx*/*yyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis.
Error encountered while attempting to Disconnect from input queue manager '*manager name*' F=*ffffffffff* RC=*nnn*/*nnn*/*xxxxxxx*/*yyyyyyy*	The input queue manager disconnect from the given queue *manager name* has failed. The request that was issued (*ffffffffff*) is given in the message and contains values such as INIT, SEND, and RECEIVE . The return code and reason codes are given as values for RC=*nnn*/*nnn*/*xxxxxxx*/*yyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis.
Error encountered while attempting to Connect to input queue manager '*manager name*' F=*ffffffffff* RC=*nnn*/*nnn*/*xxxxxxx*/*yyyyyyy*	The input queue manager connect to the given queue *manager name* has failed. The request that was issued (*ffffffffff*) is given in the message and contains values such as INIT, SEND, and RECEIVE . The return code and reason codes are given as values for RC=*nnn*/*nnn*/*xxxxxxx*/*yyyyyyy* in the message. The underlying messaging subsystem return and reason codes respectively are given to help with error diagnosis.
Error encountered while attempting to Initialize *mmmmmmmm* RC=*nnn*/*nnn*	ADAETB/ADAMQS initialization has failed. The module name is given in the message as *mmmmmmmm*. The return and reason codes are also given in the message.

Action   Determine the reason for the failure based on the supplied reason code and correct the condition. Contact your DBA, system support personnel, or Software AG technical support if further assistance is needed.

ADAF99   **{<item>} is unavailable**

Explanation   This message has multiple message texts, as described in the following table.

Message Text	Explanation
Destination *dddddddd* is unavailable	The destination name *dddddddd* is not available.
Input Queue *iiiiiiii* is unavailable	The input queue name *iiiiiiii* is not available.

Action   Ensure the destination or input queue is correctly defined and assigned.

ADAF9A   **{yyyyyyyyyy} error in output subtask {nnn}**

Explanation   An error has occurred during the processing of output subtask number 'nnn'. 'yyyyyyyyyy' indicates whether the error occurred during initialization, processing or termination logic on the output subtask. This message is always preceded by a message with more information about where the problem lies.

When this occurs during initialization processing, the subtask will not initialize and Event Replicator Server initialization processing will terminate. When this occurs during termination processing of a subtask, termination processing will continue but one or more resources may be left in an invalid state.

Action   This message will have been preceded by an error messaging indicating the error. Correct the problem based on this preceding error message.

ADAF9B   **{xxxxxxxxxxxxx} error in input subtask {nnn}**

Explanation   This indicates that an error has occurred during the processing of input subtask number 'nnn'. 'yyyyyyyyyy' indicates whether the error occurred during initialization, processing or termination logic on the input subtask. This message is always preceded by a message with more information about where the problem lies.

When this occurs during initialization processing, the subtask will not initialize and Event Replicator Server initialization processing will terminate. When this occurs during termination processing of a subtask, termination processing will continue but one or more resources may be left in an invalid state.

Action   This message will have been preceded by an error messaging indicating the error. Correct the problem based on this preceding error message.

ADAF9C	Input Queue: {xxxxxxxx} Open failed: {xxxxxxxxxxxxxxxxxxxx}
Explanation	This message indicates that the attempt to open the indicated Input Queue failed. The reason code indicates why the open attempt failed. This will normally occur if the input queue has not been properly defined to the messaging system or there are insufficient resources to open the queue.
Action	Determine the reason for the failure based on the supplied reason code and correct the condition. This will normally occur because the IQUEUE definition is invalid or the appropriate WebSphere MQ or webMethods EntireX resources have not been defined for the queue. In rare circumstances, this may occur due to a shortage of storage; in this case, increase the region size and rerun the job.

ADAF9D	date time {{Initial-state}|{ADARPL/ADALOD}} process is running
Explanation	The initial-state, replay, or database load process is running.
Action	No action is necessary for this informational message.

ADAF9E	Invalid output returned from Destination user exit {exit-name} {error-text}
Explanation	The destination output user exit named in the message returned invalid data. Additional error text in the message further describes error. Possible error texts are:

- A message length of 0 was specified for a Send request
- Send request length exceeds max message length of *nnnn*
- Control block URBY contains invalid return code =*nnn*
- Send message/get same transaction return code issued after 1st exit call
- Message text unavailable for error code = *yyy*
- Destination *dest-name* closed by subtask =

Action	Investigate the causes of the user exit failure and fix them.

ADAF9F	Unable to acquire a UQE, response code {rc}, subcode {sc} Format buffer validation will not be done for Subscription {name}
Explanation	Format buffer validation, initiated because the FBVALIDATION parameter was turned on, could not be performed because a user queue element, which is used to store pointers to the internal format buffers and other information, could not be acquired. The response code (*rc*) and subcode (*sc*) are given in the message.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF9G	**Format buffer validation [started|completed] for Database {dbid}**
Explanation	Format buffer validation, initiated because the FBVALIDATION parameter was turned on, successfully started or completed, as indicated by the message.
Action	No action is required for this informational message.

ADAF9H	**Format buffer validation failed, response code {rc}, subcode {sc}** **Subscription {sname}, Database {dbid}, File {num}, XXX** **Global Format Buffer {GFB-name}**
Explanation	An attempt to validate a format buffer failed. This validation attempt occurred because the FBVALIDATION parameter was turned on. The response code (*rc*), subcode (*sc*), subscription name (*sname*), database ID (*dbid*), file number (*num*), and global format buffer definition name (*GFB-name*) are given in the message.
Action	Correct the named format buffer and try again.

ADAF9I	**FCB/FDT retrieval error, response code {rc}, subcode {sc}** **Format buffer validation will not be done for:** **Subscription files referencing Database {dbid}, File {num}**
Explanation	Format buffer validation, initiated because the FBVALIDATION parameter was turned on, was not performed for subscriptions that reference the database (*dbid*) and file number (*num*) listed in the message. The response code (*rc*) and subcode (*sc*) are also given in the message. This failure occurred because a request for the FCB/FDT of a file has failed. These control blocks are used by the format buffer validation process.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF9J	**Replay jobstream generated** **Replay jobstream generation failed** **ADARAG {function} return code {rc}** **DDJCLIN failed to open** **DDJCLOUT failed to open** **DDJCLIN missing %KARTE or %SEQUENTIAL** **DDJCLIN has multiple %KARTE or %SEQUENTIAL**
Explanation	These are informational messages about ADARPL utility processing. For further details about how to use this facility, read *ADARPL Utility: PLOG Replication Replay*, in the *Event Replicator for Adabas Reference Guide*. The ADARAG internal routine is used to: ■ Open DDJCLOUT ■ Write record to DDJCLOUT and DDDRUCK ■ Close DDJCLOUT ■ Generate DD statement and write it to DDJCLOUT and DDDRUCK ■ Open DDJCLIN

- ■ Get record from DDJCLIN
- ■ Close DDJCLIN

Action   If the ADARAG routine fails, report the return code to your Software AG technical support representative.

ADAF9K   **CBuf {resendbuffer-name} {function} F/RC {f/rc} Dep Ret/Rsn {ret/rsn}**

Explanation   An error was reported by the circular resend buffer manager for the named resend buffer. The function listed in the message will be one of the following:.

Create DSP
Delete DSP
Obtain ALET
Rlse ALET

The internal service numeric function and return codes are shown in f and rc settings in the message and the platform-dependent return and reason codes are also shown. Under z/OS, circular resend buffers are implemented as dataspaces. The z/OS DSPSERV function creates and deletes dataspaces, and the ALESERV function administers ALETs.

Action   If the reason for the error code is not clear, contact your DBA, system support personnel, or Software AG technical support representative.

ADAF9L   **Unexpected return code {rc} received acquiring Reptor
information from a peer nucleus**

Explanation   An unexpected error occurred when a second or subsequent cluster nucleus starts.

Action   Analyze the return code given the message and react accordingly. Contact your Software AG technical support representative for assistance.

ADAF9M   **Insufficient WORK pool space available. Increase LWP.**

Explanation   There was insufficient work pool space available to the Event Replicator Server.

Action   Increase the setting of the ADARUN LWP parameter for the Event Replicator Server. The stop and restart the Event Replicator Server.

ADAF9N   **Peer nucleus {nucid} is starting a connection
to Reptor {dbid}**

Explanation   A cluster nucleus is connecting to the Event Replicator Server.

Action   No action is required for this informational message.

ADAF9O	**Peer nucleus {nucid} encountered response {rrrrr} communicating with Reptor {dbid}**
Explanation	When the cluster nucleus attempted to communicate with the Event Replicator Server database listed in the message, the response code (*rrrrr*) listed in the message was received.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF9P	**Connection to Reptor {dbid} terminated due to insufficient free space in a peer nucleus replication pool**
Explanation	An Adabas cluster database was not able to connect to a Event Replicator Server due to insufficient replication pool free space in one of the cluster nuclei.
Action	Consider increasing the value of the LRPL parameter for the cluster nuclei.

ADAF9Q	**Cluster database {dbid} aborted its connection attempt**
Explanation	The Event Replicator Server has detected an unsuccessful connection from a cluster database.
Action	Examine all error messages in the cluster nuclei job logs to determine the reason for the failed connection attempt.

ADAF9R	**Abort connection call to Reptor {dbid} failed with response {rrrrr/sssss }**
Explanation	When the cluster database attempted to disconnect from the Event Replicator Server database listed in the message, the response code and subcode (*rrrrr/sssss*) listed in the message were received.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF9S	**Auto-restart connect call to Reptor {dbid} failed with response {rrrrr/ sssss}**
Explanation	A cluster nucleus that has completed auto-restart processing was not able to connect to the Event Replicator Server listed in the message. The response code and subcode (*rrrrr/sssss*) listed in the message were received.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF9T	**Initial connect to Reptor {dbid} failed with response {rrrrr/ sssss}**
Explanation	When the cluster database attempted to connect to the Event Replicator Server database listed in the message, the response code and subcode (*rrrrr/sssss*) listed in the message were received.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF9U	Completion of connection to Reptor {dbid} failed with response {rrrrr/ sssss}
Explanation	The cluster database was unable to connect to the Event Replicator Server database listed in the message. The response code and subcode (*rrrrr/sssss*) listed in the message were received.
Action	Investigate the response code and subcode to identify and correct the problem.

ADAF9V	Starting a cluster connection to Reptor {dbid}
Explanation	An Adabas cluster database is attempting to connect to an Event Replicator Server.
Action	No action is required for this informational message.

ADAF9W	Cluster connected to Reptor {dbid}
Explanation	An Adabas cluster database successfully connected to a Event Replicator Server.
Action	No action is required for this informational message.

ADAF9X	Cluster database {dbid} is connecting
Explanation	The Event Replicator Server is processing a connection request from a cluster nucleus.
Action	No action is required for this informational message.

ADAF9Y	Cluster auto-restart handshake call processed for database {dbid / nucid}
Explanation	The Event Replicator Server has reconnected to a cluster nucleus that has completed auto-restart processing.
Action	No action is required for this informational message.

ADAF9Z	Cluster database {dbid} has connected
Explanation	The Event Replicator Server has successfully connected to a cluster nucleus.
Action	No action is required for this informational message.

ADAFA0	Refresh requested for {resource} {name}
Explanation	An RPLREFRESH command has been entered to refresh the resource named in the message.
Action	No action is required for this informational message.

ADAFA1   **Refresh failed: parameter processing error**

Explanation   An RPLREFRESH command has been entered, but cannot be processed due to an error return from the input parameter processing routines.

Action   Examine the DDPRINT output for messages relating to specific parameter errors, correct these errors, and restart the Event Replicator Server.

ADAFA2   **Modifying an existing resendbuffer is not allowed**

Explanation   You cannot use the RPLREFRESH command to dynamically refresh a resend buffer definition; you can only add or delete a resend buffer definition using RPLREFRESH. To modify a resend buffer definition for a running Event Replicator Server, complete he steps described in *Resend Buffer Modification and Refresh Requirements*, in *Event Replicator for Adabas Administration and Operations Guide*.

Action   No action is required for this informational message.

ADAFA3   **Request invalid when RPLPARMS not set to FILE**
                    Request invalid when reptor system file does not exist

Explanation   An RPLREFRESH command has been entered, but can only be processed when the ADARUN RPLPARMS parameter is set to "FILE" and a Replicator system file is defined in the Event Replicator Server.

Action   Ensure that ADARUN RPLPARMS parameter is set to "FILE" and that a Replicator system file is defined in the Event Replicator Server as described in the Event Replicator for Adabas installations instructions. Then restart the Event Replicator Server.

ADAFA4   **Refresh Aborted**

Explanation   An RPLREFRESH,ABORT command has been successfully processed.

Action   No action is required for this informational message.

ADAFA5   **Refresh exceeded time limit waiting for quiesce of resources**

Explanation   An RPLREFRESH command could not be processed as the relevant resources had not entered a quiescent state within five minutes.

Action   Ensure that the resources being refreshed are not actively in use by the Event Replicator Server before attempting to reenter the RPLREFRESH command.

ADAFA6   **{Add|Modify|Delete} requested for subscription {sub}**

Explanation   An RPLREFRESH command has requested to add, modify or delete subscription *sub*.

Action   No action is required for this informational message.

ADAFA7 **{Add|Modify|Delete} requested for subscription {sub} successful**

Explanation An RPLREFRESH command request to add, modify, or delete subscription *sub* has been processed successfully.

Action No action is required for this informational message.

ADAFA8 **Subscription {sub} does not contain files required for ADABAS destination {dest}**

Explanation Adabas destination *dest* is defined with a DBID/File combination for which there is no match in subscription definition *sub*.

Action Ensure that the all of the Adabas destination's input DBID/File combinations are matched in the subscription.

ADAFA9 **ADABAS destination {dest} also used by subscription {sub}**

Explanation An Adabas destination may only be assigned for use by one subscription at a time.

Action Remove destination *dest* from the SDESTINATION parameter or from the destination name list for subscription *sub* and restart the Event Replicator Server.

ADAFAA **Resendbuffer {buf} does not exist**

Explanation The resend buffer named in the message has not been defined.

Action Specify a correctly defined resend buffer definition before attempting to refresh the subscription.

ADAFAC **One or more format buffers failed format buffer validation**

Explanation Format buffer validation has been set to "ABORT" or "DEAC" and one or more of the format buffer definitions has been found to be invalid.

Action Inspect the format buffer definitions and correct any errors before restarting the Event Replicator Server.

ADAFAD **Subscription {sub} release for FBs failed rsp {rc}**

Explanation As part of a refresh of subscription *sub*, an internal Event Replicator Server cleanup failed with the response given in the message. The refresh will proceed despite this message.

Action Report this message and the response code to your Software AG support representative.

ADAFAE	**Subscription {sub} not found**
Explanation	An RPLREFRESH command was entered to delete a subscription, but the named subscription cannot be found.
Action	If the intention was to ensure that subscription *sub* be removed from the Event Replicator Server definitions, then no further action is required. Otherwise correct the RPLREFRESH command to delete a subscription that currently exists.

ADAFAF	**Subscription {sub} in use by initial state request {istate}**
Explanation	An RPLREFRESH command was entered to delete subscription *sub*, but it has been found to be still in use by initial state definition *istate*.
Action	Remove the subscription from the initial-state subscription list before restarting the Event Replicator Server.

ADAFAG	**Destination {dest} has remaining SLOG data**
Explanation	An RPLREFRESH command was entered to refresh a subscription using destination *dest*, for which there is still data in the SLOG. The subscription is therefore not in a quiescent state and so the refresh cannot yet be implemented. An **ADAFAI** message will follow stating that the refresh is scheduled.
Action	Wait for the subscription to return to a quiescent state and then the refresh can be implemented. If the subscription returns to a quiescent state in the next five minutes, this will happen automatically; otherwise, you will have to request the refresh again.

ADAFAH	**{Add|Modify|Delete} requested for destination {dest}**
Explanation	An RPLREFRESH command has requested to add, modify, or delete destination *dest*.
Action	No action is required for this informational message.

ADAFAI	**{Add|Modify|Delete} requested for destination {dest} {successful|scheduled|failed}**
Explanation	The RPLREFRESH request to add, modify, or delete the destination definition listed in the message was processed successfully, has been scheduled for processing once the destination is in a quiescent state, or has failed. .
Action	No action is required for this informational message. If the request has failed, previous messages will give details of the failure.

ADAFAJ	**DLOG=NO cannot be set for destination {dest} while data still exists on subscription log file**
Explanation	An RPLREFRESH command to modify destination *dest* by setting DLOG=NO has been entered, but data for the destination still exists in the SLOG. An **ADAFAI** message will follow this message stating that the refresh has failed.
Action	Wait until the SLOG data for the destination has been delogged before attempting to modify the DLOG value using RPLREFRESH.

ADAFAK	**Destination {dest} must be closed for requested modification**
Explanation	An RPLREFRESH request to modify destination dest by altering one of the messaging layer parameters has been made, but the destination has not been closed. An **ADAFAI** message will follow this message stating that the refresh has failed.
Action	Close the destination before attempting to modify one of its messaging layer parameters.

ADAFAL	**Allocation failed for storage required to implement add**
Explanation	An RPLREFRESH request to add a new resource has been entered but insufficient storage is available to manage the new structures required. An **ADAFAI** message will follow this message stating that the refresh has failed.
Action	Make more storage available to the Event Replicator Server and restart.

ADAFAM	**Destination {dest} not found**
Explanation	An RPLREFRESH request was made to delete destination $dest$, or to modify a subscription to refer to it, but the destination definition cannot be found. An **ADAFAI** message will follow this message stating that the refresh has failed.
Action	If you intended to ensure that the destination be removed from the Event Replicator Server definitions, then no further action is required. Otherwise, correct the RPLREFRESH command to delete a destination that currently exists, or correct the subscription definition to refer to a valid destination.

ADAFAN	**Destination {dest} in use by initial state request {istate}**
Explanation	An RPLREFRESH request was made to delete destination $dest$, but the destination is still in use by initial state definition $istate$.
Action	Remove the destination from the initial-state destination list for the initial-state definition before restarting the Event Replicator Server.

ADAFAO	**Destination {dest} in use by subscription {sub}**
Explanation	An RPLREFRESH request was made to delete destination $dest$, but the destination is still in use by subscription sub.
Action	Remove the destination from the subscription definition before restarting the Event Replicator Server.

ADAFAP   **Destination {dest} cannot be deleted while output is still in progress on destination**

Explanation   An RPLREFRESH request was made to delete destination *dest*, but there are still transactions being sent to the destination or being logged to the SLOG for it. An **ADAFAI** message will follow this message stating that the refresh has failed.

Action   Wait until the destination is no longer in active use by the Event Replicator Server before attempting to delete it.

ADAFAQ   **Destination {dest} cannot be deleted while data still exists on subscription log for destination**

Explanation   An RPLREFRESH request was made to delete destination *dest*, but there is still data on the SLOG for it. An **ADAFAI** message will follow this message stating that the refresh has failed.

Action   Wait until all the data for the destination to be deleted is removed from the SLOG before attempting to delete it.

ADAFAR   **Destination {dest} must be closed before it can be deleted**

Explanation   An RPLREFRESH request was made to delete destination *dest*, but it is not closed. An **ADAFAI** message will follow this message stating that the refresh has failed.

Action   Close the destination before attempting to delete it.

ADAFAS   **{Add|Modify|Delete} request for destination {dest} aborted by exit {uexit}**

Explanation   AN RPLREFRESH request to add, modify or delete destination *dest* has been aborted by user exit *uexit*.

Action   Inspect your user exit to determine why the refresh has been aborted.

ADAFAT   **Output still in progress for destination {dest}**

Explanation   An RPLREFRESH request was made to refresh a subscription using destination *dest*, for which there is still data on the output queue. The subscription is therefore not in a quiescent state and, consequently, the refresh cannot yet be implemented. An **ADAFAI** message follows this message stating that the refresh is now scheduled.

Action   Wait for the subscription to return to a quiescent state and then the refresh can be implemented. If the subscription returns to a quiescent state in the next five minutes, this will happen automatically; otherwise, you will have to request the refresh again.

ADAFAU	Incoming transactions available for subscription processing
Explanation	An RPLREFRESH request was made to refresh a subscription for which there are still transactions on the subscription queue. The subscription is therefore not in a quiescent state and, consequently, the refresh cannot yet be implemented. An **ADAFAI** message follows this message stating that the refresh is now scheduled.
Action	Wait for the subscription to return to a quiescent state and then the refresh can be implemented. If the subscription returns to a quiescent state in the next five minutes, this will happen automatically; otherwise, you will have to request the refresh again.

ADAFAV	RECORDPLOGINFO must be {YES|Y} or No|N
Explanation	An invalid value was specified for the RECORDPLOGINFO parameter.
Action	Correct the parameter value and try again.

ADAFAW	{function} requested for resendbuffer {rbname}
Explanation	Add, delete, or modify processing has been requested for the resend buffer definition listed in the message. The kind of processing requested is given in the message (`function`).
Action	No action is required for this informational message.

ADAFAX	Resendbuffer {rbname} in use by subscription {sname}
Explanation	An RPLREFRESH request was made to delete resend buffer `rbname`, but the resend buffer definition is still in use by subscription definition `sname`.
Action	No action is required for this informational message. If you want to modify the resend buffer dynamically, you should follow the instructions provided in *Resend Buffer Modification and Refresh Requirements*, in *Event Replicator for Adabas Administration and Operations Guide*

ADAFAY	{function} for resendbuffer {rbname} successful
Explanation	Add, delete, or modify processing was successfully performed for the resend buffer definition listed in the message. The kind of processing requested is given in the message (`function`).
Action	No action is required for this informational message.

ADAFAZ	Input Queue {qname} not found
Explanation	An RPLREFRESH request was made to delete an input queue definition (`qname`), but the named input queue definition does not exist.
Action	Verify that the correct input queue definition was referenced in the RPLREFRESH request. If not, correct it and try again.

ADAFB1	**Error processing Replicator system file, internal command** **Error {function} -- {action}** **ADABAS command {command} -- {action}** **RSP {rspcode} Subcode {subcode}**
Explanation	POG sequential data set information resulting from a successful ADARES PLCOPY run is maintained in the Replicator system file. This error can be caused by an Adabas command used to access the Replicator system file or by an internal system function. The response code and subcode from processing are given in the message. In addition, the following functions (*function*) can appear:

- Error acquiring UQE

- Error setting file in use

- Error reading FCB

- Error reading FDT

Finally, the following actions (*action*) may occur in the message:

Action	Description
adding PLOG information	When this action is listed in the message, the error prevented a PLOG file description record from being inserted.
selecting PLOGs for replay	When this action is listed in the message, the error prevented a set of PLOGs from being selected. This would also prevent an ADARPL job from running.

Action	If the error is from an Adabas command, investigate the response code and subcode to identify and correct the problem. If you cannot resolve it, or if you receive an internal function error, contact your Software AG technical support representative.

ADAFB2	**Selecting PLOGs for automatic Replay job generation DBID {dbid}** **{errortext}**
Explanation	A request to select PLOG sequential data sets was unsuccessful for the database listed in the message spanning a starting and ending date and time. One or more additional lines of error text (*errortext*) provide additional detail about the error:

Error Text	Explanation and Action
Error - No Replicator system file	PLOG data set information cannot be maintained without a Replicator system file. No ADARPL job stream can be generated. **Action:** Define a Replicator system file using the ADALOD utility (`ADALOD LOAD FILE=nn, REPLICATOR`).

Error Text	Explanation and Action
Error -- Internal buffer overflow selecting between *start date/time* and *end date/time*	The set of PLOGs spanning the start and end date and times listed in the error text was very large and exceeded the size of an internal buffer. No ADARPL job stream can be generated. **Action:** Contact your Software AG technical support representative.
Error -- No PLOGs found between *start date/time* and *end date/time*	There were no PLOG sequential data sets in the Replicator system file between the start and end dates and times listed in the error text. **Action:** Verify that the requested dates and times are correct. If the requested dates and times are correct, see if you can locate PLOG sequential data sets spanning the required interval, generate and submit an ADARPL job stream manually.
Error -- PLOGs out of sequence PLOG *start date/time1* session *session1* blocks *first - last1* PLOG *start date/time2* session *session2* blocks *first - last2*	A PLOG sequential data set with a later date and time has either a lower session number than the previous PLOG or, if the session numbers are the same, it starting block is less than or equal to the previous PLOG's ending block. A partial ADARPL job stream may be generated, but will not execute. **Action:** Carefully examine the selected set of PLOGs to determine why the out-of-sequence condition exists. If you can resolve the sequencing, manually edit the job stream, and resubmit it. If you are unable to determine why the PLOGs are out of sequence, contact your Software AG technical support representative for assistance.
Error - PLOGs missing between PLOG *start date/time1* session *session1* blocks *first - last1* PLOG *start date/time2* session *session2* blocks *first - last2*	There is a gap between two successive PLOG sequential data sets for the same PLOG session. One or more blocks are missing. If all data is present, the last block number of the first PLOG plus one should be equal to the first block number of the second PLOG. A partial ADARPL job stream may be generated, but will not execute. **Action:** If you can locate a data set with the missing PLOG blocks, manually edit the generated job stream to include the missing data set in the proper sequence in the PLOG data set concatenation, and resubmit the job.
Error - PLOGs missing, new session did not start with block 1 PLOG *start date/time* session *session* blocks *first - last*	A new PLOG session is initiated each time the Adabas nucleus is started. The first block number in the first PLOG in the session should be "1". The identified PLOG data set is the first data set of the PLOG session found in the Replicator system file, but the first block of that

Error Text	Explanation and Action
	data set is not "1". A partial ADARPL job stream may be generated, but it will not execute. **Action:** If you can locate a data set with the missing PLOG blocks, manually edit the generated job stream to include the missing data set in the proper sequence in the PLOG data set concatenation, and resubmit the job.
Error - PLOGs missing, end-of-session not set on PLOG *start date/time* session *session* blocks *first - last*	A PLOG session ends when the Adabas nucleus shuts down. The final PLOG data set of a session should indicate that no more blocks of the session listed in the message will be created and the next PLOG data set in sequence will be the first of a new, higher-numbered, PLOG session. A partial ADARPL job stream may be generated, but it will not execute. **Action:** If you can locate a data set with the missing PLOG blocks, manually edit the generated job stream to include the missing data set in the proper sequence in the PLOG data set concatenation, and resubmit the job. **Action:**
Note - PLOGs sessions *sess1* through *sess2* missing Sessions may have been used by on-line save	Normal PLOG session numbers increase by one when an Adabas nucleus starts. This is not an error if the missing sessions were used by an online save. An ADARPL job stream may be generated. **Action:** No action is necessary for this informational message, if the missing session numbers resulted from an online save. However, it that is not the case, and if you can locate a data set with the missing PLOG sessions, manually edit the generated job stream to include the data set in the proper sequence in the PLOG data set concatenation and resubmit the job.
No PLOG starts before *start date/time1* Earliest PLOG starts at *start date/time2*	No PLOG data set was found in the Replicator system file with a start date and time less than or equal to the required start date and time. The requested start date and time is given in the error text. A partial ADARPL job stream may be generated, but it will not execute. **Action:** If you can locate additional PLOG data sets, manually edit the generated job stream to include the missing data sets at the beginning of the PLOG data set concatenation, and resubmit the job.

Action   Modify the ADARPL REPLAY options or the Event Replicator parameters based on the error in the message and rerun the job.

ADAFB3	Data found on SLOG for Replay instance started at {date} {time}
Explanation	SLOG initialization processing encountered data on the SLOG system file for a replay process from a previous session, which is identified by its start time.
Action	No action is required for this informational message.

ADAFB4	Above replay instance is not defined in this session
Explanation	The current instance of the Event Replicator Server has no information about the replay instance referred to in the preceding **ADAFB3** message. It will delete all SLOG data related to this replay instance.
Action	No action is required for this informational message.

ADAFB6	Input Queue {qname} must be closed for requested operation
Explanation	A refresh request was received for an input queue definition, but the input queue definition is not closed.
Action	Close the input queue definition and try again.

ADAFB7	{operation} for Input Queue {qname} successful
Explanation	A refresh operation was processed successfully for the input queue definition listed in the message. The type of operation (add, modify, or delete) is given in the message.
Action	No action is required for this informational message.

ADAFB8	{function} requested for input queue {qname}
Explanation	Add, delete, or modify processing has been requested for the input queue definition listed in the message. The kind of processing requested is also given in the message (*function*).
Action	No action is required for this informational message.

ADAFB9	initialstate {isname} is still active
Explanation	An attempt was made to use the RPLREFRESH command to refresh the initial-state definition listed in the message, but the initial-state definition was still active, so the attempt failed.
Action	Deactivate the initial-state definition prior to running RPLREFRESH.

ADAFBA   **initialstate {isname} not found**

Explanation   An RPLREFRESH request was made to delete or modify initial-state definition *isname*, but the initial-state definition cannot be found. An **ADAFAI** message will follow this message stating that the refresh has failed.

Action   If you intended to ensure that the initial-state definition be removed from the Event Replicator Server definitions, then no further action is required. Otherwise, correct the RPLREFRESH command to modify an initial-state definition that currently exists.

ADAFBB   **{function} for initialstate {isname} successful**

Explanation   Add, delete, or modify processing was successful for the initial-state definition listed in the message. The kind of processing requested is also given in the message (*function*).

Action   No action is required for this informational message.

ADAFBC   **Modify requested for Global Settings**

Explanation   A refresh request for global settings has been received.

Action   No action is necessary for this informational message.

ADAFBD   **Modify for Global successful**

Explanation   A refresh request for global settings was processed successfully.

Action   No action is necessary for this informational message.

ADAFBE   **{operation} requested for initialstate {isname}**

Explanation   A refresh request for the initial-state definition listed in the message has been received. The operation requested is given in the message.

Action   No action is necessary for this informational message.

ADAFBF   **{resource} {name} was not refreshed {reason}**

Explanation   A refresh request for the resource named in the message failed because it was discovered that the resource definition had changed. The following possible reasons can appear in this message:

- The defined initial state definition is unchanged

- The defined resendbuffer definition is unchanged

- The defined destination definition is unchanged

- The defined global definitions are unchanged

- The defined input queue definition is unchanged

- The defined subscription definition is unchanged

Action	Change the resource definition and reissue the request.

ADAFBG	**Refresh for {resource} {name} not implemented due to refresh failure of a dependent resource**
Explanation	While executing a refresh ALL request, the refresh of the resource named in the message could not be processed because of a failure to refresh a dependent resource.
Action	Determine why the dependent resource could not be refreshed, resolve the problem, and repeat the request.

ADAFBH	**Resendbuffer {rsbuf-def} will not be modified**
Explanation	A resend buffer definition was changed and subsequently a RPLREFRESH command was issued. The resend buffer definition will not be modified.
Action	No action is required for this informational message.

ADAFBI	**Automated reopen has been terminated for destination {dest-def}**
Explanation	An attempt to close a destination definition occurred for which pending open retries are still outstanding. The pending open retries are dropped.
Action	No action is required for this informational message.

ADAFBJ	**Messaging system error detected. The automatic open of the following input queues|destinations will be skipped: {def-names}**
Explanation	The automatic open of the input queue or destination definitions listed in the message (def-names) are skipped due to messaging system errors. Subsequent open attempts for the same messaging system manager and for the listed destinations or input queues will be skipped until their retry interval expires again.
Action	No action is required for this informational message. Review other messages preceding this one that describe the open or connect failure and react accordingly.

ADAFBK	**Automated reopen has been terminated for input queue {iq-def}**
Explanation	An attempt to close an input queue definition occurred for which pending open retries are still outstanding. The pending open retries are dropped.
Action	No action is required for this informational message.

ADAFBZ **{message-text}**

Explanation Two possible message texts may be given for this message ID:

Message Text	Description
Failed to set conversion attributes to subscription flist encoding for subscription *subs-name* dbid *dbid* file *fn* response code *rc* reason code *rsn*	An error occurred related to a subscription file filter definition.
Failed to set conversion attributes to user encoding for subscription *subs-name* dbid *dbid* file *fn* response code *rc* reason code *rsn*	An error occurred related to UES translation.

The name of the affected subscription (*subs-name*), database ID (*dbid*), and file number (*fn*) are given in the message. In addition, a response code (*rc*) and reason code (*rsn*) for the error are provided.

Action Analyze the return codes given in the message texts to identify the cause of the problem.

ADAFC2 **message-text**

Explanation The following message texts may appear for this message ID:

Message Text	Description
Error occurred during file(s) reactivation for Replay token *ttttt*	A file reactivation counter timed out during replay processing. The ADARPL replay token is given in the message (*ttttt*).
File reactivation wait timeout	A file reactivation counter timed out during replay processing.

This error message occurs during file reactivation for automated replay initialization. It is printed after the **ADAF2K** message.

Action Execution continues, as with the **ADAF2K** message. This is often the result of a shortage in the replication pool. Increasing the value of the LRPL parameter may alleviate the shortage.

ADAFC3 **Unexpected Response code {rc} from DBID {dbid} for {cc}-command**

Explanation An unexpected response code (*rc*) was received from the database identified in the message (*dbid*) while it was processing the database command shown in the message (*cc*)

Action Analyze the response code to determine why the error occurred. Contact your Software AG technical support representative if you need additional assistance.

ADAFC4	**Replay token {ttttt} initialization timeout**
Explanation	An initialization counter timed out during replay processing. The ADARPL replay token is given in the message ($ttttt$).
Action	Increase the timeout value or check the previous messages (for example **ADAF2K** or **ADAFC9**) concerning the replay token $ttttt$ to determine where the wait occurs. Correct the problem and try again.

ADAFC5	**Nucleus DBID {dbid} Runs without DUAL/OCTO-PLOG**
Explanation	The database identified in the message ($dbid$) runs with a dual or octo-PLOG. This message may occur when an attempt to execute an automated replay with an Adabas nucleus that executes with dual (OCTO) PLOGs. An automated replay may only be executed with an Adabas nucleus that executes with dual (OCTO) PLOGs.
Action	Make sure you run automated replay only on an Adabas nucleus that executes with dual (OCTO) PLOGs.

ADAFC6	**No free PLOGs available on Nucleus DBID {dbid}**
Explanation	There are no free PLOGs available on the database identified in the message ($dbid$).
	This message occurs when a request for an automated replay was made and all PLOGs are full on the related database. When this occurs, the automated replay is rejected and this message is printed.
Action	Ensure one or more PLOG data sets are free for the related database ID (run ADARES PLCOPY).

ADAFC7	**FEOFPL could not be processed**
Explanation	This is an informational message printed after either the ADAFC5 message or the ADAFC6 message.
Action	Resolve the problem that caused the ADAFC5 or ADAFC6 message. No action is required for this informational message.

ADAFC8	**Replay token {ttttt} initialization canceled**
Explanation	The initialization of the replay token given in the message ($ttttt$) has been cancelled.
	This is an informational message printed after either the ADAFC5 message or the ADAFC6 message.
Action	Resolve the problem that caused the ADAFC5 or ADAFC6 message. No action is required for this informational message.

ADAFC9	**Waiting for PLOG Switch on Nucleus DBID {dbid} for Replay token {ttttt}**
Explanation	Replay processing is waiting to switch protection logs (PLOGs) on the database identified in the message (*dbid*). The replay token is also given in the message (*ttttt*).
Action	No action is required for this informational message.

ADAFCA	**Waiting for PLOG information from DBID {dbid} for Replay token {ttttt}**
Explanation	This informational message may be written in the Event Replicator Server job log during the execution of a synchronized replay (the ADARPL utility). The database ID (*dbid*) and the replay token (*tttt*) are given in the message.
Action	No action is required for this informational message.

ADAFCB	**ADARPL Jobstream generation failed for Replay token {ttttt}**
Explanation	The ADARPL job failed for the replay token named in the message (*tttt*).
Action	Analyze other messages preceding this message and react accordingly. Contact your Software AG technical support representative for assistance.

ADAFCC	**No resources modified by rplrefresh all as no resource definitions have changed**
Explanation	A refresh all command was issued but the resource definitions in the active Event Replicator Server and the parameters provided are the same.
Action	Change the resource definition parameters and reissue the command.

ADAFCD	**Rplrefresh,all failed due to replication pool overflow**
Explanation	A request to get storage from the replication pool failed.
Action	Determine why the replication pool is full. If possible, resolve the problem. If you need assistance, contact your Software AG technical support representative.

ADAFCE	**Open of File destination {name} failed as CLOG is not active**
Explanation	A command was issued to open a file destination (for example, DTYPE=TLOG), but a command log was not defined in the Event Replicator Server.
Action	Ensure the Event Replicator Server is running with a CLOG defined if you wish to use destinations of type TLOG.

ADAFCF	**Utility replication error - {error-text}** **DBID {dbid} FNR {fn} RSP {rc} Subcode {sc}**
Explanation	These messages are written when an error is encountered attempting to replicate a utility operation (for example, a file deletion) for a target Adabas DBID/file. A description of the error is provided in the message (*error-text*), in addition to the database ID, file number, and any response or subcode. Possible error texts that might appear in the message are:

- ◼ "Change field length "
- ◼ "Delete file"
- ◼ "Refresh file"
- ◼ "Rename file"
- ◼ "Set reuse ISN on/off"
- ◼ "Set reuse DS blocks on/off"
- ◼ "Modify FCB"
- ◼ "Define file"
- ◼ "Write FDT"
- ◼ "Define new field"
- ◼ "Utility type unavailable "

Action	Review the error text provided in the message and resolve the problem based on that text. If the error persists, contact your Software AG technical support representative for assistance.

ADAFCG	**Destination {dest-def} - DBID/File {dbid}/{fn}** **DATMETHOD must be ISN or KEY**
Explanation	Parameter DATMETHOD has been set to an invalid value in the destination definition named in the message (*dest-def*). The database and file combination for which DATMETHOD has been set are also listed in the message.
Action	Correct the DATMETHOD setting.

ADAFCH	**Destination {dest-def} - DBID/File {dbid}/{fn}** **{parm-name} cannot be specified with DATMETHOD=ISN**
Explanation	An invalid combination of parameter definitions has been specified in the destination definition named in the message (*dest-def*). When the DATMETHOD parameter is set to "ISN", other parameters may not be specified. The parameter in error is listed in the message (*parm-name*). The database and file combination for which the invalid parameter combinations have been specified are also listed in the message (*dbid* and *fn*).

The following parameters cannot be specified when `DATMETHOD` is set to "ISN": `DATKEYSB`, `DATKEYAIO`, `DATKEYAIL`, `DATKEYBIO`, `DATKEYBIL`, `DATKEYKYO`, and `DATKEYKYL`.

Action	Either alter the `DATMETHOD` parameter setting or remove the incompatible parameter setting from the destination definition.

ADAFCI	**Destination {dest-def} - DBID/File {dbid}/{fn}** **for DATMETHOD=KEY, DATKEYSB must be specified**
Explanation	The `DATKEYSB` parameter must be specified when the `DATMETHOD` parameter is set to "KEY". The destination definition containing the invalid parameters is named in the message (*dest-def*), as well as the database and file combination for which the invalid parameters were specified (*dbid* and *fn*).
Action	Either alter the `DATMETHOD` parameter setting or add a setting for `DATKEYSB`.

ADAFCJ	**Destination {dest-def} - DBID/File {dbid}/{fn}** **{parm-name} must be numeric and <= 32,767**
Explanation	An invalid setting was specified for the parameter (*parm-name*) named in the message. The destination definition containing the invalid parameter is named in the message (*dest-def*), as well as the database and file combination for which the invalid parameter was specified (*dbid* and *fn*). The parameter names that might appear in this message are: `DATKEYAIL`, `DATKEYBIL`, `DATKEYKYO`, and `DATKEYKYL`.
Action	Correct the parameter setting.

ADAFCK	**Destination {dest-def} - DBID/File {dbid}/{fn}** **if DATKEY{xx}O is specified, DATKEY{xx}L must also be** **specified with a value > 0**
Explanation	An invalid combination of `DATKEY*` parameter settings was specified for the destination definition named in the message (*dest-def*). The names of the invalid parameters are listed in the message (`DATKEY`*xx*`O` and `DATKEY`*xx*`L`). Possible substitutions for the *xx* in the message are AI, BI, or KY. For example, if the `DATKEYAIO` parameter is specified, a positive, nonzero integer must also be specified for the `DATKEYAIL`. The database and file combination for which the invalid parameter settings have been specified are also listed in the message (*dbid* and *fn*).
Action	Correct the settings for the parameter combinations in the destination definition.

ADAFCL	**{message-text}**
Explanation	One of the following message texts is provided in this message.

Message Text	Description
Destination *dest-def* - DBID/File *dbid*/*fn* the sum of DATKEY*xx*O and DATKEY*xx*L must be <= 2,147,483,647	The sum of the DATKEY* parameters listed in the message must be less than or equal to 2,147,483,647 bytes. The names of the parameters are listed in the (DATKEY*xx*O and DATKEY*xx*L). Possible substitutions for the *xx* in the message are AI or BI.
Destination *dest-def* - DBID/File *dbid*/*fn* the sum of DATKEYKYO and DATKEYKYL must be <= 32,767	The sum of the DATKEYKYO, and DATKEYKYL parameters listed in the message must be less than or equal to 32,767 bytes.

	The destination definition containing the parameters is named in the message (*dest-def*), as well as the database and file combination for which the parameters were specified (*dbid* and *fn*).
Action	Correct the settings for the parameters in the destination definition.

ADAFCM	**Destination {dest-def} - DBID/File {dbid}/{fn}** **for DATMETHOD=KEY, DATKEYAIL must be specified and greater than 0**
Explanation	The DATKEYAIL parameter must be specified when the DATMETHOD parameter is set to "KEY". The destination definition containing the invalid parameters is named in the message (*dest-def*), as well as the database and file combination for which the invalid parameters were specified (*dbid* and *fn*).
Action	Either alter the DATMETHOD parameter setting or add a setting for DATKEYAIL.

ADAFCN	**Destination {dest-def} - DMAXOUTPUTSIZE must be** **greater than 4,096, less than 2,147,483,648 or 0**
Explanation	An invalid value for the DMAXOUTPUTSIZE parameter was specified in the destination definition named in the message (*dest-def*). Valid values must be zero (0) or range between 4096 bytes and 2,147,483,648 bytes.
Action	Specify a valid value for the DMAXOUTPUTSIZE parameter

ADAFCO	**Destination {dest-def} DAERROR-must be BACKOUT, CLOSE or ALTACTION**
Explanation	An invalid value for the DAERROR parameter was specified in the destination definition named in the message (*dest-def*). Valid values are "BACKOUT", "CLOSE" or "ALTACTION".
Action	Specify a valid value for the DAERROR parameter.

ADAFCP	**Key value is not unique** **More than one record was found with this key value**
Explanation	Replication failed because a key value was not unique across records. This message is accompanied by other messages that provide more information about the problem.
Action	Determine why the key values are not unique and review the other messages for a better understanding of the problem. Contact your Software AG technical support representative if you need assistance.

ADAFCQ	**Destination {destid} is being closed**
Explanation	Event Replicator is closing the destination identified in the message (*destid*) because of replication errors that occurred for it. This message is accompanied by other messages that provide more information about the problem.
Action	No action is required for this informational message.

ADAFCR	**The transaction will be backed out and skipped**
Explanation	Event Replicator is backing out and skipping a transaction because of replication errors that occurred for it. This message is accompanied by other messages that provide more information about the problem.
Action	No action is required for this informational message.

ADAFCS	**Response 145 (the record is held by another user) has been encountered while processing an initial-state transaction. The records already processed will be committed. Processing will continue with the rest of the initial-state transaction**
Explanation	A replication error occurred while processing an initial-state transaction. Response 145 is issued. This message is accompanied by other messages that provide more information about the problem.
Action	Review the other messages to further understand the problem. Contact your Software AG technical support representative if you need assistance.

ADAFCT	**Response 145 (the record is held by another user) has been encountered. The current transaction will be backed out and restarted once the ISN is available.**
Explanation	A replication error occurred because a record is held by another user. Response 145 is issued. This message is accompanied by other messages that provide more information about the problem.
Action	Review the other messages to further understand the problem. Contact your Software AG technical support representative if you need assistance.

ADAFCU	**The record to be {deleted|updated} does not exist on the target DBID/file**
Explanation	A replication error occurred when the record to be deleted or updated (as specified in the message) does not exist in the target database file. This message is accompanied by other messages that provide more information about the problem.
Action	Review the other messages to further understand the problem with the record. Contact your Software AG technical support representative if you need assistance.

ADAFCV	**The record to be inserted already exists on the target DBID/file**
Explanation	A replication error occurred when the record to be inserted already exists in the target database file. This message is accompanied by other messages that provide more information about the problem.
Action	Review the other messages to further understand the problem. Contact your Software AG technical support representative if you need assistance.

ADAFCW	**The {delete|update|insert} is part of a transaction with the resend flag set**
Explanation	A replication error occurred when an insert, update or delete (as specified in the message) request fails because the transaction has its resend flag set. This message is accompanied by other messages that provide more information about the problem.
Action	Review the other messages to further understand the problem. Contact your Software AG technical support representative if you need assistance.

ADAFCX	**The record will be inserted**
Explanation	Event Replicator will insert the replicated record, even though replication problems have occurred. This message is accompanied by other messages that provide more information about the problem.
Action	No action is required for this informational message.

ADAFCY	**The record will updated**
Explanation	Event Replicator will update the replicated record, even though replication problems have occurred. This message is accompanied by other messages that provide more information about the problem.
Action	No action is required for this informational message.

ADAFCZ	**The above error will be ignored**
Explanation	Event Replicator will ignore the error described by the previous error message, even though replication problems have occurred. This message is accompanied by other messages that provide more information about the problem.
Action	No action is required for this informational message.

ADAFNA	**Connect to Reptor {id} failed, target is not a Reptor**
Explanation	An attempt was made by an Adabas nucleus to connect to an Event Replicator Server when the target of the message is actually another Adabas nucleus, not an Event Replicator Server. The Event Replicator Server ID is given in the message.
Action	Ensure that you are trying to connect to another Adabas nucleus, no an Event Replicator Server, and try again.

ADAFNB	**Connect to Reptor {reptid} failed, the level of the Reptor is incompatible with this Adabas nucleus**
Explanation	The Event Replicator version running in the Adabas nucleus is incompatible with the Event Replicator version running in the Event Replicator Server nucleus. They must be the same.
Action	Analyze the use of the Adabas and Event Replicator Server nucleuses to determine which version should be used on each. Then update the software accordingly. Contact your Software AG technical support representative if you need assistance.

ADAFNC	**Connect to Reptor {reptid} failed with response code {rc}/{sc}**
Explanation	A connection to the Event Replicator Server named in the message (*reptid*) failed. The response code and subcode (*rc* and *sc*) are given in the message.
Action	Analyze the response code and subcode to determine why this problem is occurring.

ADAFND	Cluster connection to Reptor {id} was not successful
Explanation	This message is written in each cluster nucleus when a cluster connection is not successful. Earlier messages for one or more of the cluster nuclei give the reason why the connection was not successful. Normally, the connection will not be successful when the Event Replicator Server is not active. The database ID of the Event Replicator Server database is given in the message.
Action	Analyze the messages for each of the cluster nuclei to determine the cause and resolution of this problem.

ADAFNE	{yyyy.mm.dd} {hh.mm.ss} A connection will be attempted {yyyy.mm.dd} {hh.mm.ss} with Reptor {id}
Explanation	This message is printed as a result of the RPLCONNECT operator command (issued to an Adabas nucleus). The message is printed for each Event Replicator Server ID for which the nucleus attempts a connection.
Action	No action is required for this informational message.

ADAFNF	{yyyy.mm.dd} {hh.mm.ss} No connection attempts will be made as a {yyyy.mm.dd} {hh.mm.ss} result of the RPLCONNECT request
Explanation	This message is printed as a result of the RPLCONNECT operator command (issued to an Adabas nucleus). The message is printed when no connection attempts will be made as a result of the RPLCONNECT operator command.
Action	Analyze the RPLCONNECT operator command you issued for invalid Event Replicator Server database IDs that might have been specified.

ADAFPA	DARC is only valid for an ETBROKER, MQSERIES, or NULL destination
Explanation	The DARC parameter can only be specified in a webMethods EntireX, WebSphere MQ, or Null destination definition. It is not valid for any others.
Action	Remove the DARC parameter from this destination definition.

ADAFPB	MAXRECORDSIZE must be greater than 0 and less than or equal to 50% of LRPL and less than or equal to 32767'
Explanation	An invalid value for the MAXRECORDSIZE parameter has been specified. Valid values must be greater than zero (0), with a maximum of 32,767 bytes or 50% of the ADARUN LRPL parameter setting, whichever is larger.
Action	Correct the setting of the MAXRECORDSIZE parameter.

ADAFPC	**MAXVARRECORDSIZE must be greater than 0** **and less than or equal to 50% of LRPL** **and less than or equal to 32767**
Explanation	An invalid value for the `MAXVARRECORDSIZE` parameter has been specified. Valid values must be greater than zero (0), with a maximum of 32,767 bytes or 50% of the ADARUN `LRPL` parameter setting, whichever is larger.
Action	Correct the setting of the `MAXVARRECORDSIZE` parameter.

ADAFPD	**MAXVARRECORDSIZE must be less than or equal to MAXRECORDSIZE**
Explanation	The setting of the `MAXVARRECORDSIZE` or the `MAXRECORDSIZE` parameter is not accurate. The setting for `MAXVARRECORDSIZE` must be less than or equal to the setting for `MAXRECORDSIZE`.
Action	Correct the setting of either the `MAXVARRECORDSIZE` or the `MAXRECORDSIZE` parameter, as appropriate for your site.

ADAFPE	**DEVENTLOG must be YES or NO** **DEVENTLOG is {x}** **DEVENTLOG must be Y or N**
Explanation	An invalid value (x) was specified for the DEVENTLOG initialization parameter. Valid values are YES (Y) or NO (N).
Action	Correct the DEVENTLOG specification and try again.

ADAFPF	**LOGINPUTTRANSACTION must be ALL or NO or in the range 1 <=n<=99**
Explanation	An invalid value was specified for the LOGINPUTTRANSACTION initialization parameter. Valid values are ALL, NO, or an integer from 1-99.
Action	Correct the LOGINPUTTRANSACTION specification and try again.

ADAFPG	**Same {type} service is defined for both destination {destname} and input queue {queuename}**
Explanation	The same webMethods EntireX (Broker) service or WebSphere MQ (MQSeries) queue is defined for both a destination and input queue definition. The *type* of service (Broker or MQSeries), the destination definition name (*destname*) and the input queue definition name (*queuename*) are given in the message.
Action	Correct either the destination or input queue definition so they do not used the same webMethods EntireX service or WebSphere MQ queue.

ADAFPH	**For subscription {subsname}, DBID {dbid}, FNR {fnr}** **The Subscription SFILE keyword parameter SFSEXIT must be specified when** **SFREPLICATEDELETE=UPDATE**
Explanation	The SFREPLICATEDELETE parameter was set to "UPDATE", but no value was specified for the SFSEXIT parameter. If you specify SFREPLICATE=UPDATE, you must also specify a value for the SFSEXIT parameter. The subscription definition name (*subsname*) as well as the database ID (*dbid*) and file number (*fnr*) are given in the message.
Action	Either change the value of SFREPLICATEDELETE so it is no longer set to "UPDATE" or supply a value for the SFSEXIT parameter. Then try again.

ADAFPI	**For subscription {subsname}, DBID {dbid}, FNR {fnr}** **Only YES, NO, or UPDATE are valid for: '{parameter} {keyword}'**
Explanation	A value other than YES, NO, or UPDATE was specified for the parameter (*parameter*) and keyword (*keyword*) named in the message. The subscription definition name (*subsname*) as well as the database ID (*dbid*) and file number (*fnr*) are given in the message.
Action	Correct the parameter or keyword setting and try again.

ADAFPJ	**For subscription {subsname}, DBID {dbid}, FNR {fnr}** **The before and after image format buffers must be equal when** **SFREPLICATEDELETE=UPDATE**
Explanation	An attempt was made to pass both before and after images to the subscription user exit because the SFILE SFREPLICATEDELETE parameter was set to "UPDATE". However, the format buffer before and after images for the physical delete transaction currently being processed were not identical. Subscription definitions with SFREPLICATEDELETE=UPDATE should not have a primary key defined to the file. The subscription definition name (*subsname*) as well as the database ID (*dbid*) and file number (*fnr*) are given in the message.
Action	Contact your Software AG technical support representative for assistance.

ADAFPK	**DOPEN must be YES, NO, or GLOBAL**
Explanation	The value of the DOPEN subparameter must be either "YES", "NO", or "GLOBAL". DOPEN is a subparameter of the DESTINATION initialization parameter.
Action	Check the parameter input, supply a valid value, and restart the Event Replicator Server.

ADAFPL	**GOPEN must be YES or NO**
Explanation	The value of the GOPEN parameter must be either "YES" or "NO".
Action	Check the parameter input, supply a valid value, and restart the Event Replicator Server.

ADAFPM	**{FSBEGIN|FTBEGIN} must be in range 1 - 32767**
Explanation	An invalid specification was made for the FSBEGIN or FTBEGIN parameters. The FSBEGIN and FTBEGIN parameter settings must be between "1" and "32,767."
Action	Correct the FSBEGIN or FTBEGIN specification and try again.

ADAFPN	**{FSLENGTH|FTLENGTH} must be in range 1 – 32767**
Explanation	An invalid specification was made for the FSLENGTH or FTLENGTH parameters. The FSLENGTH and FTLENGTH parameter settings must be between "1" and "32,767."
Action	Correct the FSLENGTH or FTLENGTH specification and try again.

ADAFPO	**{FSBEGIN|FTBEGIN} plus {FSLENGTH|FTLENGTH} exceed 32768 limit**
Explanation	An invalid combination of specifications has been made for the FSBEGIN and FSLENGTH or for the FTBEGIN and FTLENGTH parameters. The sum of the FSBEGIN and FSLENGTH parameter specifications cannot exceed 32,768. Likewise, the sum of the FTBEGIN and FTLENGTH parameter specifications cannot exceed 32,768.
Action	Correct the FSBEGIN, FTBEGIN, FSLENGTH, or FTLENGTH specifications and try again.

ADAFPP	**When SFSECURITYFILE=YES is specified:** **No format buffer may be specified** **No value may be specified for SFDEFAULTACODE** **The default value of YES must be in effect for: ADAFPP SFREPLICATEDELETE, SFREPLICATEINSERT, SFREPLICATENOTCHANGED, and SFREPLICATEUPDATE** **No value may be specified for SFSEXIT** **No value may be specified for SFFILTER**
Explanation	One or more invalid parameters have been specified at the subscription/file level with SFSECURITYFILE=YES. This message lists the rules regarding specification of the SFSECURITYFILE parameter and others in your subscription file (SFILE) definition.
Action	Check the parameter input, supply a valid value, and restart the Event Replicator Server.

ADAFPQ	**Subscription {subname1} DBID {dbid} File {fnum}**
	has SFSECURITYFILE=YES
	Subscription {subname2} DBID {dbid} File {fnum}
	**has SFSECURITYFILE={{no	yes}}**

Explanation This message is issued when one of two errors has occurred:

- The same file in the same database has SFSECURITYFILE=YES (the file is a security file that should be replicated) in one subscription definition and SFSECURITYFILE=NO (the file is not a security file) in a second subscription definition. This is invalid; the subscriptions should specify the SFSECURITYFILE parameter for the same database file in both subscriptions. Either the file is a security file or it is not.

- Two different files in the same database have been identified as security files (both files in the same database have SFSECURITYFILE=YES) in one or more subscription definitions. Only one security file is expected per database.

Action Check the parameter input, supply a valid value, and restart the Event Replicator Server.

ADAFPR	**Subscription {sub-name} DBID {dbid} File {fnum}**
	has SFSECURITYFILE=YES
	Adabas destination {dest-name}
	Input DBID {indbid} File {infile}
	Target DBID {targdbid} File {targfile}
	Must specify identical input and target files

Explanation When SFSECURITYFILE=YES is specified in a subscription (indicating Adabas security definitions should be replicated for a database file) and the data from the file flows to an Adabas destination, the input file and target file must be identical in every Adabas destination that replicates data from the source database to the target database.

Action Check the parameter input, supply a valid value, and restart the Event Replicator Server.

| ADAFPS | **Invalid field order number for GFB {gfb} field {fld}** |

Explanation An error occurred when reading the Replicator system file for the global format definition named in the message (`gfb`). The global format buffer has not been correctly generated. The two-byte Adabas field name (`fld`) contains an invalid field order number. Field order numbers are used with composite fields and indicate the order the fields are to be concatenated. The field order number was specified for a non-primary key field or an invalid value was specified. Possible values are "01" thru "99".

Action Correct the invalid field number and regenerate the global format buffer / GFFT using the Data Mapping Tool or Predict and reload it into the Replicator System file using the Adabas Event Replicator Subsystem or Event Replicator Administration. If the problem persists, contact your Software AG customer support representative with

the information contained in the message. A copy of the Replicator system file may be needed for diagnosis.

ADAFPT	**Subscription {subsname} DBID {dbid} File {fn}** **has SFSECURITYFILE=YES** **Initial-state definition {isname}** **references the same DBID/file**
Explanation	A subscription file (SFILE) definition used by the subscription (`subsname`) indicates that the database file listed in the message (`dbid` and `fn`) is a security file. The same database file is also referenced in an initial-state definition (`isname`). However, Event Replicator does not support the use of security files in initial-state definitions. Any security file you identify in an SFILE definition cannot also be used in an initial-state definition.
Action	Revise your initial-state or subscription SFILE definitions, as appropriate, so that the security file is not used in the initial-state definition. Then try again. For information on populating a target database with an initial snapshot of the security definitions, read *Initial-State Processing of Security Definitions*, in the *Event Replicator for Adabas Administration and Operations Guide*.
ADAFRA	**Rejecting connection attempt from Adabas DBID {dbid}** **The Adabas nucleus is running with ADA{vrs}/ARF{vrs}**
Explanation	The Adabas or Event Replicator version running in the Adabas nucleus is incompatible with the Adabas or Event Replicator version running in the Event Replicator Server nucleus. They must be the same. For example, if the Adabas nucleus is running Adabas 8.1.3, the Event Replicator Server nucleus must also be running Adabas 8.1.3.
Action	Analyze the use of the Adabas and Event Replicator Server nucleuses to determine which versions should be used on each. Then update the software as appropriate. Contact your Software AG technical support representative if you need assistance.
ADAFRB	**Replay process with token {yyyyy} is being changed from** **synchronized mode to replay-only mode**
Explanation	This message is printed when an error occurs in the Event Replicator Server, related to the SLOG file (for example, when the SLOG file is full) and the replay process. The token ID of the replay process is given in the message (`yyyyy`). When the error occurs, this message is printed, the replay process is changed from synchronized mode to replay-only mode, and transactions on the SLOG file for this replay process are scheduled for deletion from the SLOG file.
Action	No action is required for this informational message.

ADAFRE	**{yyyy.mm.dd} {hh.mm.ss} A connection will be attempted** **{yyyy.mm.dd} {hh.mm.ss} with database {id}**
Explanation	This message is printed as a result of the RPLCONNECT operator command (issued to an Event Replicator Server). The message is printed for each Adabas database for which the Event Replicator Server attempts a connection.
Action	No action is required for this informational message.

ADAFRF	**{yyyy.mm.dd} {hh.mm.ss}No connection attempts will be made as a** **{yyyy.mm.dd} {hh.mm.ss}result of the RPLCONNECT request**
Explanation	This message is printed as a result of the RPLCONNECT operator command (issued to an Event Replicator Server). The message is printed when no connection attempts will be made as a result of the RPLCONNECT operator command.
Action	Analyze the RPLCONNECT operator command you issued for invalid Adabas database IDs that might have been specified.

ADAFRH	**{message-text}**
Explanation	The message text for this message varies, as described in the following table:

Message Text	Explanation
Data found in SLOG for database-related input transactions	When the Event Replicator Server initialized, it found database-related input transactions from the Adabas nucleus logged on the SLOG system file.
The database-related input transactions on the SLOG system file contain only FCB/FDT data	This message may appear with the one above. When the Event Replicator Server initialized, it found database-related input transactions on the SLOG file that contained only FCB or FDT data. This indicates that no replicated input transactions are pending on the SLOG system file at the end of the last session.

Action	No action is required for this informational message.

ADAFRI	**LOGINPUTTRANSACTION is set to ALL or 1-99 and the SLOG system file is not** **loaded**
Explanation	You have specified LOGINPUTTRANSACTION as ALL or an integer from 1 to 99, but an SLOG file has not been defined for the Event Replicator Server.
Action	If you really want the LOGINPUTTRANSACTION parameter set to one of these values, define an SLOG file to the Event Replicator Server. For more information, read *Setting Up Subscription Logging*, in the *Event Replicator for Adabas Administration and Operations Guide*.

ADAFRJ	**Use of SLOG for database-related input transactions turned on**
Explanation	Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been turned on.
Action	No action is required for this informational message.

ADAFRK	**Use of SLOG for database-related input transactions turned off**
Explanation	Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been turned off.
Action	No action is required for this informational message.

ADAFRL	**Use of SLOG for database-related input transactions suspended**
Explanation	Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been suspended. Messages printed prior to this message indicate why SLOG processing was suspended.
Action	Review earlier messages to determine the cause of the problem.

ADAFRM	**Use of SLOG for database-related input transactions no longer suspended**
Explanation	Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus is no longer suspended. This processing is no longer suspended when all database-related input transactions have been deleted from the SLOG system file.
Action	No action is required for this informational message.

ADAFRN	**Use of SLOG for database-related input transactions disabled**
Explanation	Use of the SLOG system file for storing and processing database-related input transactions from the Adabas nucleus has been disabled. This may occur when SLOG processing of the database-related input transactions is suspended and a subsequent error occurred while attempting to delete the transactions from the SLOG system file.
Action	Review earlier messages to determine the cause of the problem.

ADAFRO	**One or more database-related input transactions found for database {dbid} file {nnnn} before the related FCB/FDT**
Explanation	During Event Replicator Server initialization, one or more database-related input transactions were found on the SLOG system file for the database and file listed in the message, but the related FCB and FDT information is not on the SLOG system file (it should be the first transaction for the database and file combination). Additional messages will appear indicating that replication for the database and file combination has been deactivated.
Action	Contact your Software AG support representative for assistance.

ADAFRP	**Input request {type:error}** **URBIRTOK: {token} URBIRNAM: {destination1} URBIDNAM: {destination2}**
Explanation	An error occurred while processing a destination open/close client request. The type of request (*type*) is given in the message. It is either "Open Destination" or "Close Destination". The kind of error that occurred (*error*) is also given in the message along with the eight-byte target application token (*token*), the reply destination name (*destination1*), and the name of the destination that was to be opened or closed (*destination2*). Possible *errors* that could be listed include:

- Storage shortage in RPL pool
- URBIRNAM undefined/unusable
- Different response destinations
- Multiple URBI's -- diff tokens
- Selection data not allowed
- URBIARC/ACOD/WCOD not zero
- URBIRES/RES1 not zero
- Destination unknown or unusable
- Unknown response destination
- DBID/FNR not allowed
- Initial state not allowed
- Destination not unique
- Subscription name not allowed
- Transaction Seq # not allowed

Action	If the error indicates an RPL storage pool shortage, consider increasing the value of the ADARUN `LRPL` parameter.
	If the error indicates an Invalid unused URBI field(s), read about *Event Replicator Client Requests* in the *Event Replicator for Adabas Programmer's Reference Guide* and read about the URBI fields required for destination open and close requests. Any fields not listed in tht description must be initialized to spaces (if they are defined as character format fields) or must be initialized to binary zeroes.
	If problems persist, contact your Software AG support representative for assistance.

ADAFRQ	**Both the {{insert and update | update and insert}} attempts failed** **No further attempts will be made to {{insert | update}} this record**
Explanation	This message appears when DAERROR=ALTACTION or the resend flag is set and one of the following occurs:

- An insert is processed and the record already exists. An attempt to update the record is performed, but fails with a RSP113; no further attempts are then made to insert or update the record.

- An update is processed and the record does not exist. An attempt to insert the record is performed, but fails with a RSP113; no further attempts are then made to update or insert the record.

This error may be caused when the ISN is larger than the MAXISN parameter setting in effect for the destination Adabas file.

Action Consider adjusting the MAXISN setting for the destination Adabas file. If the problem persists, contact your Software AG support representative for assistance.

ADAFRR	**Destination {dest-name} will not be opened**
Explanation	The destination identified in the message (*dest-name*) will not be opened. The destination was either defined with parameter DOPEN=NO or defined with parameter DOPEN=GLOBAL and the global parameter GOPEN was set to "NO".
Action	No action is required for this informational message.

8 ADAH* Dump Formatter Status Messages

These are general status messages that describe current operating status of the dump formatting facility.

ADAH01   **{dbid} Dump format called**

Explanation   Issued by the Adabas extended error recovery facility at the point where dump formatting begins. Displayed on the console and written to DD/PRINT.

ADAH02   **{dbid} Dump format completed**

Explanation   Issued by the Adabas extended error recovery facility at the point where dump formatting terminates. Displayed on the console and written to DD/PRINT.

9 ADAI* - ADAIOR System Messages

📄 **Note:** Although not considered console messages, those preceded by an asterisk (*) are also displayed on the system console.

ADAI01	**{data set} {count} {READS	WRITES}**
Explanation	The first form of the message is written when a sequential input data set is closed; the second form is written when a sequential output data set is closed.

ADAI02	**GETMAIN {stor-req} ({source})** **GETMAIN {stor-req} {stor-avail} ({source})**
Explanation	The first form of the message is written whenever memory is dynamically acquired and the requested memory is available.
	The second form of the message is written whenever memory is dynamically acquired and less than the requested memory is available.
	In the messages, *stor-req* is the amount of memory requested, *stor-avail* is the amount of memory available, and *source* (printed only under z/VSE) is the source of the memory (GETVIS, COMREG, ADABUF).

ADAI03	**{ {data set}	{physical-file-name} } {countr} reads {countw} writes**
Explanation	A direct access data set is closed. The *physical-file-name* indicates that the file was opened using dynamic allocation.

ADAI04	**{count} errs {count} errs**
Explanation	The message is written immediately following message ADAI03 when a direct access data set for which there had been read and/or write errors is closed.

ADAI20	**{dbid} dataset {physical-file-name} DD: {link-name}**
Explanation	An I/O error occurred on a file opened using dynamic allocation. This message appears immediately after the **ADAI21** message.

ADAI21	**{dbid} IO error RABN {bad-rabn}({start-rabn}) OP {oper} CC {ccbs} CSW {csw} SNS {dlu}**
Explanation	IBM platforms only. This message occurs on SYSLOG when ADAIOR finds a disk I/O error. The message variables and their meanings are:

Variable	Description	
dbid	database ID (not provided in z/VSE environments)	
bad-rabn	the actual failing RABN	
start-rabn	the starting RABN of the failing I/O operation	
oper	the type of operation being performed when the failure occurred as follows (in hex):	
	x'80'	read
	x'40'	write
	x'20'	format
	x'10'	read/write to end of track
	x'08'	no write if read-only nucleus
ccbs	communications bytes from the communications control block	
csw	channel status from the channel status word (CSW). If zero (0, the error was a physical check	
dlu	the z/VSE logical unit where the failure occurred	

On z/OS systems, if an I/O error occurs on a VSAM data set, the CSW and SNS data is replaced by RPL feedback information.

This message is followed immediately by message **ADAI20**.

Action	Use the information provided by the message to locate a possible hardware failure. Keep the information and any dumps for later use.

ADAI22   **ADAIOR Trace table: --> is current entry**

Explanation   The ADAIOR trace table has been activated and printed.

ADAI23   **{dbid} {job-name} abend code {code}**

Explanation   z/VSE and BS2000 systems only. ADAIOR is asked to abend a job. A dump is normally
                   also provided. The message values are:

dbid	database ID
code	the abend code (refer to the abend code descriptions in chapter 4).
job-name	the z/VSE job name or BS2000 program name.

ADAI24   **{dbid} Ready for operator communication**

Explanation   SYSLOG displays this message once operator communications has been requested
                   by the operator with the z/VSE MSG command. The value *dbid* is the database ID.

Action   Enter a valid Adabas command.

ADAI26   **{dbid} {job-name} completion code {code}**

Explanation   BS2000 systems: This message displays the normal termination return code. If a
                   nonzero abend code is displayed, the BS2000 program task switch 10 is set on.

                   z/VSE systems: The end-of-job (EOJ) "RC=(RX)" sets the return code for the operating
                   system. The message provides the database ID (dbid), job name, and return code.

Action   BS2000 systems: If job variables are installed, the abend code is passed to the controlling
                   job variable. A job variable assigned with link "*ADA" is set with the following
                   information:

                   program name (8 bytes) completion code (4 bytes) error number (5 bytes) Adabas
                   response code (5 bytes)

                   z/VSE systems: For a nonzero abend code, refer to the description in chapter 4. If the
                   DUMP option was specified, refer to the resulting dump, if needed, to determine the
                   cause of the abend. The job step is terminated.

ADAI27   **{dbid} Timer interval exceeds maximum allowed**
                   {dbid} Reset to maximum

Explanation   A timer request was issued that exceeds the maximum allowed by the operating
                   system.

Action   Reset the interval to the maximum allowed by your operating system.

ADAI29   **Oper cmd: {command}**

Explanation z/OS, z/VSE, and BS2000 systems only: This message occurs in SYSLST as part of the session statistics during Adabas session termination. The value *command* is the operator command last entered from SYSLOG.

ADAI30   **{file-name} {number} tracks formatted**

Explanation ADAIOR has completed formatting for a direct-access file.

ADAI31   **{dbid} Opening tape file {file-name} SYS{nnn}={cuu}**

Explanation This SYSLOG message means that a tape file was opened. Meanings of the message fields are:

dbid	Adabas database
file-name	filename of the input/output file opened
nnn	z/VSE logical unit ID
cuu	physical address of the selected drive

ADAI32   **{dbid} Internal error - function {func-name} error {error}**

Explanation An internal error has occurred.

Action   Make a note of all recent messages, and contact your Adabas support representative.

ADAI40   **{dbid} CP-operator was requested to mount volume {vol-number} on virt. unit {unit-number}**

Explanation z/VM systems: The virtual machine running Adabas database *dbid* has issued a request to mount tape *vol-number* on your virtual machine's unit *unit-number*.

ADAI41   **{dbid} Mount required for volume {vol-number} on unit {cuu} and attach to VADDR {address}**

Explanation z/VM systems: The virtual machine running an Adabas database or utility has issued a request to mount tape *vol-number* on physical unit *cuu* and ATTACH the unit at address *address*. This message is sent to the CP operator.

Action   ATTACH the tape unit, if necessary, then mount the requested tape volume.

ADAI42	**{dbid} volume {vol-number} for file {file-name} mounted on virt. unit {addr} {compression}**
Explanation	z/VM systems: The requested tape mount of *vol-number* and file *file-name* on the virtual tape unit *addr* has been completed. If "(IDRC)" appears at the end of the message instead of *compression*, the file is on a tape cassette with the IDRC feature active.
Action	None required. This message is for your information only. If the IDRC ending appears and the IDRC feature is not supported by the cassette unit, a later I/O error will occur.

ADAI43	**{dbid} Requested DSN for file {file-name} not on volume {vol-number}**
Explanation	z/VM systems: The data set name (DSN) for file *file-name* could not be found on the tape volume *vol-number*. The DSN is specified on the DATADEF statement.
Action	Verify and correct the DATADEF statement, ensure that the correct tape volume was mounted.

ADAI44	**{dbid} Block count on EOV or EOF for file {file-name} NOT EQUAL TO I/O COUNT**
Explanation	z/VM systems: The number of blocks read from tape does not match the block count in the end-of-file record. This is an internal error.
Action	Make a note of all related error information (message number and contents, plus any other related information), and advise your system support personnel. If necessary, contact your Software AG support representative.

ADAI45	**{dbid} I/O error during dape handling for file {file-name} volume {vol-number}**
Explanation	z/VM systems: A recurring I/O error occurred during the mount or label processing for tape file *file-name* on volume *vol-number*.
Action	Make a note of all related error information (message number and contents, plus any other related information), and advise your system support personnel. If necessary, contact your Software AG support representative.

ADAI46	**{dbid} No virtual console**
Explanation	z/VM systems: The DATADEF statement specified a virtual console as UNIT, but no virtual console exists.
Action	Correct the DATADEF statement, then rerun the job.

ADAI47	**{dbid} Output tape file protected for file {file-name} volume {vol-number}**
Explanation	z/VM systems: The tape mounted as an output tape has no file protect/write ring.
Action	Remove the mounted tape, install the file protect ring, then remount the tape.

ADAI48	**dbid NO VALID VOLUME RECORD FOUND ON TAPE FOR FILE file-name**
Explanation	z/VM systems: The requested tape mounted for file "file-name" has not been initialized properly. Either there were no records found on the tape, or the first record was not a VOL1 record. The tape will be unloaded and the operator prompted to mount a another tape.
Action	Initialize the tape using the CMS TAPE WVOL1 command.

ADAI49	**{dbid} {io-count} Diagnose I/Os performed for file {file-name}**
Explanation	z/VM systems: Temporary I/O errors for the direct access file $file\text{-}name$ occurred. The value $io\text{-}count$ is the number of successful retries.

ADAI50	**{dbid} Sequential buffer allocation failed for file {file-name}**
Explanation	z/VM systems: I/O buffers for the sequential file $file\text{-}name$ could not be allocated because of a shortage of virtual storage in the virtual machine. The utility stops operation and issues a sequential open error.
Action	Increase the storage size of the virtual machine in the CP directory, and then log the machine on again. If a BUFNO parameter was specified in a DATADEF statement, increase that value.

ADAI51	**{dbid} Adabas PAM BS2000 I/O error {err-num} in file {file-name}** **RABN={error-rabn} ({start-rabn}) OP={op-code} ST={fecb}**
Explanation	BS2000 systems only: A PAM I/O error occurred on DASD file $file\text{-}name$. $err\text{-}num$ is the ID1ECB contents from the BS2000 FCB. $error\text{-}rabn$ is the RABN where the error occurred, and $start\text{-}rabn$ the RABN where the operation began. $op\text{-}code$ comprises one or more of the following operation code values:

X'80'	READ read operation
X'40'	WRITE write operation
X'20'	FORMAT format operation
X'10'	ENDOFTRK read or write to track end
X'08'	RENOWRT no write if read-only nucleus

$fecb$ is the FECB block status used for the I/O error, and comprises the SENSE, GERAETE (device), ABM and NPA fields. For more information, refer to the publication BS2000 DVS Disk Preparation .

ADAI53   {dbid} Adabas BS2000 I/O error {err-num} in file {file-name}

Explanation   BS2000 systems only: This is the first part of an I/O error message. The message is
                   followed by message ADAI54. The *err-num* is a BS2000 error code. The *file-name*
                   shows the link name for the failed data set.

Action   Use the "err-num" as an argument for the HELP command to get information about
                   the failing function.

ADAI54   {dbid} Exit={value}, status={fcb-status}

Explanation   BS2000 systems only: The *value* is the error exit byte of the BS2000 FCB.

                   fcb-status is a six-byte status containing the following:

byte 0:	device byte
bytes 1-3:	sense bytes 1-3
byte 4:	executive flag byte
byte 5:	count of processed PAM pages

ADAI55   {dbid} SOLSIG error R15={ret-code}, post-code={post-code}

Explanation   BS2000 systems only: The system received an invalid return *ret-code* or *post-code*
                   when issuing a SOLSIG "WAIT" supervisor call (SVC). *dbid* is the database ID.

ADAI56   {dbid} Unexpected RC {ret-code} from {macro}

Explanation   BS2000 systems only: The data set assigned to SYSDTA is either a non-SAM/V data
                   set, or it contains records longer than 80 bytes. The value *macro* is RDATA.

ADAI57   {dbid} Unable to load ADAIOS

Explanation   An attempt to load ADAIOS failed. Check your LOADLIB and your partition sizes;
                   either the partition is too small or the ADAIOS member is missing from the LOADLIB.

ADAI59   {dbid} Terminated with condiction code {code}

Explanation   This is a termination message issued by ADAIOR when a controlled end is reached.
                   The code specifies a weighted termination condition. Return code "0" indicates a
                   normal end. For more information about abend codes, review your other **Adabas
                   abend code** documentation.

ADAI60	{dbid} PLOGMIR parameter ignored {dbid} PLOG mirroring no longer supported
Explanation	The ADARUN parameter PLOGMIR is set to YES or RAP. This parameter setting is ignored as PLOG mirroring is no longer supported.

ADAI62	{dbid} Allocation error - type {x} retcode {ret-code} {dbid} subcode {subcode} dataset {physical-file-name}
Explanation	An attempt to allocate a file dynamically failed. *x* indicates the request type: A (allocation); D (deallocation); or I (information retrieval). The *ret-code* and *subcode* display the error code returned from the operating system.
Action	Interpret the error code for your system and respond accordingly.

ADAI63	{dbid} Dataset {physical-file-name} is being opened {dbid} In {mode} mode - RABN size {rabn-size}
Explanation	The data set specified is being opened using dynamic allocation in *mode*:

CKD ECKD	the file resides on a storage control device that supports count key data (CKD) or extended count key data (ECKD) channel commands. ADAIOR generates channel programs accordingly.
VSAM PAGE	(z/OS systems) the file is a VSAM relative record (RRDS) or linear (PAGE) data set.

ADAI64	{dbid} File {file-name} is being opened in {mode} mode - RABN size {rabn-size}
Explanation	The file specified is being opened in *mode*:

CKD ECKD	the file resides on a storage control device that supports count key data (CKD) or extended count key data (ECKD) channel commands. ADAIOR generates channel programs accordingly.
VSAM PAGE	(z/OS systems) the file is a VSAM relative record (RRDS) or linear (PAGE) data set.

ADAI65	{dbid} EXCPVR is [NOT] being used for this run [in ESA64 mode]
Explanation	z/OS and z/VM systems only: If ADAIOR is loaded from an APF-authorized library concatenation, and ADARUN is linked with the SETCODE AC(1) statement, ADAIOR then performs the channel program translation/page fixing. If "NOT" appears in the message, ADAIOR will not perform channel program translation and page-fixing to improve the performance of I/O operations. If EXCPVR is in use, and the operating system and processor support the allocation of real storage above the 2 gigabyte line, "in ESA64 mode" appears in the message.

Action None required. This message is for your information only. If the message says that EXCPVR is not being used, but you have set up ADAIOR in an APF-authorized library and linked ADARUN with SETCODE AC(1) to use EXCPVR, refer to the Adabas Installation documentation for more information.

ADAI66 **{dbid} ADAIO2 {error-code} {message}**

Explanation The *error-code* is the Fujitsu Technology Solutions macro return code. The *message* is one of the following produced by the database main task while attempting to start a subtask:

```
            ENABLING SUBTASK COM MEMORY
            ENABLING CONTINGENCY
            ENABLING WAIT
            ENTERING JOB
            GET PARAMETER MEMORY
            GET SUBMIT FILE
            OPENING SUBMIT FILE
            SET FILE LINK
            STXIT CALL ERROR
        ↵
```

All errors are caused by system resource problems.

Action Contact your Software AG technical support representative.

ADAI67 **{dbid} ADAI2S {error-code} {message}**

Explanation The *error-code* is the Fujitsu Technology Solutions macro return code. The *message* is one of the following produced while attempting to start a subtask in the subtask startup module:

```
NO MOTHER TASK COMMON MEMORY
```

The memory pool containing data from the mother task is not accessible. The mother task has timed out or terminated.

```
NO ENABLE TO MOTHER'S EVENT
```

Mother task-to-subtask communication cannot be established. The mother task has probably terminated.

```
CANNOT SHARE MOTHER'S LOW MEMORY
```

The subtask parameter address area cannot be accessed.

```
CANNOT LOAD SUBTASK subtask-name
```

An error occurred while loading the subtask. Check the DDLIB and BLSLIBnn link names for libraries containing "subtask-name".

```
CANNOT POST MOTHER PROGRAM
```

Communication with the mother task is no longer possible. The mother task has probably terminated.

```
STXIT DEFINITION ERROR
```

A system error occurred while establishing the ESTAE(STXIT) exit for the subtask. Check the system resources.

ADAI68	**{dbid} ADAIO2 {message}**
Explanation	The *message* providing information about BS2000 subtasks is one of the following:

```
DISABLING SUBROUTINE subtask-number subtask-startname
```

The subtask with the number and startup name specified is being disabled.

```
SUBTASK POSTED RC: return-code
```

The subtask posted the specified return code.

ADAI68	**{dbid} {file-number} VSAM file error - {reason}**
Explanation	z/OS only: An error occurred attempting to open the VSAM file identified by *file-number*.
Action	All of the following reasons terminate the job with user abend 619.

```
UNABLE TO LOAD INFO ROUTINE
ERROR RETURNED FROM INFO ROUTINE
INVALID INPUT TO SUBROUTINE
```

Contact your Software AG technical support representative.

```
INVALID FILE TYPE (NOT RRDS OR LINEAR)
```

Redefine the VSAM file as either a relative record or linear data set.

```
EXTENTS NOT ON SAME DEVICE TYPE
```

Redefine all extents of the file on the same device type.

ADAI69	**ADALNK is running in {mode} mode**
Explanation	BS2000 only: ADALNK writes this message to tell you the mode it thinks it is running in where *mode* is one of the following:

BATCH/TIAM	batch or Fujitsu Technology Solutions as carrier
UTM/3GL/AMS	on UTM with an Assembler or 3rd generation language such as COBOL, C, FORTRAN, etc.
UTM/NATURAL	on UTM running Natural

Note: To suppress this message, set the B2CONFIG parameter in SSFB2C:

LNKMSG=NO

Action:	No action is required for this informational message, although you can use this message for diagnosing errors.

10 ADAJ* System Messages

ADAJ00	**Reading input for file {file-name} from library {lib-name} sublib {sublibrary} member {mem-name} . {mem-type} {count} cards**
Explanation	VSE systems only: A valid "* SAGUSER" statement was found and is being used for ADARUN/Adabas utility input. ADARUN input has the file name "CARD", and utility input has the file name "KARTE". If the library and sublibrary are not specified on the * SAGUSER statement, the message indicates which of the current LIBDEF SOURCE libraries is being used for card input.

This message is controlled by the JBXIMSG parameter in the Adabas options table, as follows:

JBXIMSG=YES	display on console and print message
JBXIMSG=PRT	(default) print the message only
JBXIMSG=NO	neither display nor print the message

ADAJ99	**File {file-name} {req-type} error on library {lib-name} . {sublibrary} member {mem-name} . {memt-ype} - {error-type}**
Explanation	VSE systems only: A "* SAGUSER" statement containing file and member information was read, but an error occurred. ADARUN input has the file name "CARD", and utility input has the file name "KARTE". "req-type", the librarian request type, is one of the following:

CLOSE	LIBDEF
GET	OPEN

"lib-name" and "sublibrary" indicate the requested library and sublibrary as specified on the * SAGUSER statement; if neither were specified, the message is an indication that the error occurred on the current LIBDEF SOURCE concatenation.

The "error-type" can be one of the following:

`SUBLIBRARY NOT FOUND`

An invalid sublibrary was specified.

`LIBRARY NOT FOUND`

An invalid library was specified. Ensure that the DLBL and EXTENT information was supplied for the library.

`MEMBER NOT FOUND`

The specified member does not exist on either the specified "lib-name.sublibrary" or in the libraries of the current LIBDEF SOURCE concatenation.

`NO SUBLIB SPECIFIED`

A library name without a sublibrary name was specified on the * SAGUSER card.

`INVALID MEMBER TYPE`

An invalid member type (PROC, OBJ, PHASE or DUMP) was specified.

`RETCODE ret-code REASON reason-code`

An internal librarian error occurred. Refer to the librarian feedback codes for more information. "ret-code" and "reason-code" are hexadecimal values.

This message is controlled by the JBXEMSG parameter in the Adabas options table, as follows:

JBXIMSG=YES	display on console and print message
JBXIMSG=PRT	(default) print the message only
JBXIMSG=NO	neither display nor print the message

Action   Correct the job setup according to the information provided above, and rerun the job.

11 ADAK* System Messages

The following messages may appear when errors occur in the Adabas CICS and BS2000 TP monitor interface operations.

When CICS is started, the Adabas TP monitor component displays several informational or error messages on the system console. These often contain the addresses of key Adabas and CICS control blocks which are useful in problem determination.

- Be sure that the console messages indicate that the Adabas TRUE environment has been properly established.

- If an error message is produced, note the CICS EIBRESP, EIBRESP2, and EIBRCODE, which is displayed.

- Note any Adabas response code (ACBRSP) displayed by the TP monitor program at CICS startup.

ADAK01	**{dbid} Unexpected return code {ret-code} in {function}**
Explanation	During BS2000 TP monitor interface operations, the return code (*ret-code*) given in the message occurred in one of the following functions and for the specified reason:

Function	Reason
TRGENAMP	enable memory pool (ENAMP) to target failed
IDTENAMP	enable memory pool (ENAMP) for IDT failed
DSOFEI	DSOFEI macro failed
UENAEI	ENAEI failed for user name
SOLSIG	SOLSIG macro failed
LNKLEVEL	the ADALNK and ADARER levels disagree (see the first and last bytes of "ret-code")

Action	See the BS2000 Executive Macro documentation for an explanation of "ret-code".

ADAK02	Types of LOADLIB for ADALNK ({adalink}) and ADARER mismatch
Explanation	During BS2000 TP monitor interface operations, one module was loaded from an XS library and the other from an NXS library. NXS and XS components cannot be mixed.
	This message is accompanied by the ADAK01 message.
	The *adalink* field of this message has the format $xx0000yy$, where xx is the level of the ADALNK and yy is the level of the ADARER (router). The value of yy must be greater than or equal to the value of xx.
	If yy is less than xx, the IDT common memory where the ADARER is loaded has been created by and loaded from an older Adabas version. For example, if xx=83 and yy=81, an Adabas 61x ADALNK is using an Adabas 53x ADARER.
Action	Check the Adabas library versions of the databases that are using the IDTNAME (the default is ADABAS5F) of your ADALNK.
	Either upgrade databases using older Adabas libraries to the new version, or use different IDTNAMEs for different Adabas versions.

ADAK03	Parameter error
Explanation	During BS2000 TP monitor interface operations, the Adalink parameter service detected a syntax error.
Action	Correct the syntax and rerun.

ADAK04	The following ADALNK ({adalink}) are used for this run
Explanation	This is the header of the Adalink parameter listing used during BS2000 TP monitor interface operations.
Action	No action is required.

ADAK040	Enabling Adabas task related user exit
Explanation	During CICS PLTPI processing, the Adabas task-related user exit has been enabled.

ADAK041	Extractxing global work area (GWA)
Explanation	During CICS PLTPI processing, CICS is determining the location of the global work area (GWA) for the command-level link components.

ADAK042	**Initializing Adabas link routine**
Explanation	During CICS PLTPI processing, an initialization call is being made to the command-level link routine.

ADAK043	**Initializing Adabas SVC communication**
Explanation	During CICS PLTPI processing, the Adabas SVC environment is being established.

ADAK044	**Adabas v{vrs} CICS environment established**
Explanation	During CICS PLTPI processing, the CICS environment needed for the command-level link components has been built.

ADAK045	**T.R.U.E. {true-name} is in use by Adabas link routine {link-name}**
Explanation	This message occurs during CICS PLTPI processing and displays the task-related user exit name and the Adabas link routine with which it is associated.

ADAK046	**SVC number: {svc} default DBID: {dbid}**
Explanation	This message occurs during CICS PLTPI processing and displays the default SVC number and DBID.

ADAK047	**UB pool address: {aaaaaaaa} NUBS: {nnnnn}**
Explanation	This message occurs during CICS PLTPI processing and displays the UB pool address and NUBS value.

ADAK048	**User exit after (A) address: { {aaaaaaaa}	NOT IN USE }**
Explanation	This message occurs during CICS PLTPI processing and displays the address of the Adabas user exit 1 (user exit A in Adabas 7) or "not in use" if the user exit is not in use.

ADAK049	**User exit before (B) address: { {aaaaaaaa}	NOT IN USE }**
Explanation	This message occurs during CICS PLTPI processing and displays the address of the Adabas user exit B or "not in use" if user exit B is not in use.

ADAK05	DDLNKPAR open error: {ret-code}
Explanation	During BS2000 TP monitor interface operations, Adalink failed to open the parameter file. The value `ret-code` given in the message is the DMS return code.
Action	Use a SAM/V format for this file.

ADAK050	Review exit address: { {aaaaaaaa} | NOT IN USE }
Explanation	This message occurs during CICS PLTPI processing and displays the address of the Adabas Review exit, or "not in use" if the Adabas Review exit is not in use.

ADAK051	Adabas SAF Security (ADASAF) in use
Explanation	During CICS PLTPI processing, the Adabas external security interface (ADASAF) is in use. This message is not displayed if ADASAF is not in use.

ADAK052	Adabas Transaction Manager (ATM) in use
Explanation	During CICS PLTPI processing, Adabas transactions are being coordinated through the CICS Resource Manager Interface (RMI) using the Adabas Transaction Manager (ATM). This message is not displayed if the RMI is not in use.

ADAK053	Adabas Bridge for VSAM (AVB) in use
Explanation	During CICS PLTPI processing, the Adabas Bridge for VSAM (AVB) is in use. This message is not displayed if AVB is not in use.

ADAK054	T.R.U.E. global work area (GWA) address: {aaaaaaaa}
Explanation	This message occurs during CICS PLTPI processing and displays the address allocated to the global work area.

ADAK055	Adabas link routine EPA: {aaaaaaaa}
Explanation	This message occurs during CICS PLTPI processing and displays the entry point address (EPA) of the Adabas link routine.

ADAK056	Adabas link routine D.C.I. EPA: {aaaaaaaa}
Explanation	This message occurs during CICS PLTPI processing and displays the entry point address (EPA) of the Adabas link routine direct call interface (DCI).

ADAK057	**Adabas SVC IDTH address: {aaaaaaaa}**
Explanation	This message occurs during CICS PLTPI processing and displays the address of the Adabas SVC IDT header.

ADAK058	**RESYNC command issued**
Explanation	During CICS PLTPI processing, the CICS RMI for Adabas is in use and resynchronization will now take place for any incomplete transactions involving Adabas databases.

ADAK059	**ATM inactive; RESYNC deferred**
Explanation	During CICS PLTPI processing, the CICS RMI for Adabas is in use and resynchronization may be required for incomplete transactions involving Adabas databases. However, the Adabas Transaction Manager (ATM) is not currently active. Resynchronization will occur when ATM is restarted.

ADAK06	**ADALINK statements ignored, because ADARUN statements present**
Explanation	During BS2000 TP monitor interface operations, Adalink is running in a nucleus or utility context, or in a user context together with ADARUN. When either is the case, the Adalink statements are ignored. Processing continues.
Action	For the Adalink statements to be effective, specify them in a non-nucleus or non-utility context, and without ADARUN statements.

ADAK061	**ADATRUE - Enable stage failed EIBRESP: {xxxxxxxx1} EIBRESP2: {xxxxxxxx2}**
Explanation	The task related user exit could not be enabled due to the EIB response code *xxxxxxxx1* and EIB response code 2 *xxxxxxxx2*.
Action	Consult the appropriate CICS documentation to determine the cause of the error in the exec interface block (EIB).

ADAK062	**ADATRUE extract GWA failed EIBRESP: {xxxxxxxx1} EIBRESP2: xxxxxxxx2**
Explanation	The requested task-related user exit global storage could not be EXTRACTed due to the EIB response and response 2 codes given as *xxxxxxxx1* and *xxxxxxxx2*.
Action	Consult the appropriate CICS documentation to determine the cause of the error in extracting the global work area.

ADAK063	**Initialization call to link routine failed EIBRCODE: {xxxxxxxx} ADARSP: {nnnn}**
Explanation	The Initialize Link command (IL) could not be executed because of EIB response code *xxxxxxxx*, or Adabas response code *nnnn*.
Action	If the EIBRCODE field returns a non-zero value, consult the appropriate CICS documentation to determine the cause of the error. If the ADARSP returns a non-zero value, consult the response codes in chapter 2.

ADAK064	**Adabas call to establish IDTH failed**
Explanation	The close command (CL) to Adabas failed due a response code other than response 148.
Action	Most often, this is caused by an incorrect Adabas SVC number in the ADAGSET macro; otherwise, check to see that the Adabas SVC is installed, and at the correct version.

ADAK065	**Invalid D.C.I addrss - cannot continue**
Explanation	The IDTH address was not set by the command-level link routine during the CL command.
Action	Verify that the correct version of the Adabas command-level link routine is installed, and that the entry point name "ENTPT=" in ADAGSET is correct.

ADAK066	**ADACIC0 version: {version} does not match Adabas link**
Explanation	The ADACIC0 version does not match the version of the ADATRUE or Adabas link routine being installed. All three modules must be at the same version for the install to succeed.
Action	Verify that the correct version of all three modules is installed.

ADAK067	**Link to ADACIRQ failed EIBRESP: {rc}**
Explanation	This error occurs when the ADACIRQ program (which is used to read the DDLINK card containing the globals table name under CICS) cannot be located. This error may occur in one of the following instances: ■ The program is not found in the DFHRPL library concatenation (or in the CICS LIBDEF search order in VSE). ■ The ADACIRQ program was not properly defined to CICS, or the group in which it is defined was not installed.
Action	Verify that the ADACIRQ load module or phase is available to the running CICS and that it is properly defined to CICS and the definition is installed. If the error persists, contact your Software AG technical support representative for assistance.

ADAK068	**RMI initialization error: CMD: {cmd} RESP: {resp} RC: {rc}**
Explanation	The RMI initialization routine could not complete its processing due to the indicated error. The message may provide a failing CICS command (*cmd*) and response code (*resp*), or an ATM error code (*rc*) and, if relevant, Adabas response code (*resp*).
Action	Investigate the meaning of the displayed response code and/or error code. If possible, correct the error; otherwise, report the details to your Software AG technical support representative.

ADAK069	**{message-text}**
Explanation	Various message texts may be provided using this message number. Review the table below to determine the cause of the error and the course of action to take.

Message Text	Explanation	Action
Load of ACI link routine failed EIBRCODE: *eibrcode*	The load of the Adabas command-level link routine module failed. The hexadecimal representation of the CICS EIBRCODE (*eibrcode*) returned by the failing EXEC CICS LOAD command is given in the message.	Determine the cause of the failure. The reason for the failure may be determined by examining previous messages produced by the ADACIC0 installation program. These messages are written to the JES job log for z/OS and to SYSLOG for VSE. For more information please consult your Adabas installation documentation.
Load of DBID/SVC table *tbl-name* failed EIBRESP *eibrc*	An attempt to load the DBID/SVC routing table named in the message (*tbl-name*) failed. The CICS EIB response code (*eibrc*) is given in the message.	Verify that the correct DBID/SVC load module name was specified for the LGBLSET DBSVCTN parameter. If it was not, correct the name and try again. If the correct name was specified, review the CICS EIB response code to identify the nature of the failure. If the problem persists, contact your Software AG support representative for assistance.

Action	The action that should be taken depends on the message text issued with this message number. Review the table above for the appropriate action.

ADAK07	**LRVINFO>0 and module REVEXITB not found, processing continues**
Explanation	During BS2000 TP monitor interface operations, a nonzero LRVINFO parameter value was specified in the Adalink parameter, but the Adabas Review user exit B (REVEXITB) module could not be found. Program processing continues without REVEXITB.
Action	Either specify LRVINFO=0, remove the LRVINFO parameter statement, or include the REVEXITB module in the program.

ADAK070	**Adabas T.R.U.E. disabled {module-name}**
Explanation	A failure occurred during the execution of the enhanced installation program. The Adabas TRUE (Task Related User Exit) is disabled. The name of the Adabas TRUE module being installed is given in the message (*module-name*).
Action	Determine the cause of the failure. The reason for the failure may be determined by examining previous messages produced by the ADACIC0 installation program. These messages are written to the JES joblog for z/OS and to SYSLOG for VSE. For more information please consult your Adabas installation documentation.

ADAK071	**Adabas link routine released {module-name}**
Explanation	A failure occurred during the execution of the enhanced installation program. The CICS command-level link routine has been released. The name of the Adabas CICS command-level link routine being installed is given in the message (*module-name*).
Action	Determine the cause of the failure. The reason for the failure may be determined by examining previous messages produced by the ADACIC0 installation program. These messages are written to the JES joblog for z/OS and to SYSLOG for VSE. For more information please consult your Adabas installation documentation.

ADAK072	**GETMAIN for UB-POOL failed EIBRESP: {0000nnnn}**
Explanation	The CICS GETMAIN for shared storage for the Adabas user buffer pool failed. The returned value of EIBRESP from the CICS request is printed in hexadecimal at the end of the message.
Action	Consult the appropriate IBM CICS documentation for the meaning of the returned EIBRESP value.

ADAK073	**Freemain for UB-POOL failed EIBRESP: {0000nnnn}**
Explanation	The storage for the Adabas user buffer pool was not released. The returned value of EIBRESP from the CICS FREEMAIN request is returned at the end of the message.
Action	Consult the appropriate IBM CICS documentation for the meaning of the returned EIBRESP value.

ADAK074	**Adabas DBID/SVC table in use is: {table-name}**
Explanation	The LGBLSET parameters DYNDBSVC=YES and DBSVCTN=*dbid-svc-tbl-name* parameters are coded in the CICS link globals table and the named DBID/SVC routing table is found and loaded. The name of the DBID/SVC routing table is given in the message (*table-name*).
Action	No action is required for this informational message.

ADAK08	**Review exit B deactivated. processing continues**
Explanation	During BS2000 TP monitor interface operations, LRVINFO=0 was either specified or omitted in the Adalink parameter or the entire Adalink parameter service is inactive, and the Adabas Review user exit B (REVEXITB) is present in the user program.
Action	To activate REVEXITB, specify LRVINFO=256; otherwise, no change is necessary.

ADAK09	**Incompatible versions of ADALNK and ADAL2P, processing aborted**
Explanation	During BS2000 TP monitor interface operations, it was determined that the versions of ADALNK and ADAL2P do not match.
Action	Check library assignments; check TSOSLNK/BINDER protocols.

ADAK10	**ADAUSER {type} for entry {module} RC {rc}**
Explanation	During BS2000 TP monitor interface operations, an error occurred while attempting to access the Adabas link module where $type$ is either REQM for requesting memory or BIND for attempting to load; $module$ is the name of the module to be accessed; and rc is the Fujitsu Technology Solutions macro return code.
Action	If the $type$ is

- BIND, check the file link statements for the presence of the Adabas library

- REQM, there is a memory shortage in the application program address space

ADAK73	**{syntax-error-message-text}**
Explanation	An error occurred when the ADACIRQ program encountered syntax errors while processing DDLINK input data read from the Adabas CICS transient data queue during initialization and startup of the Adabas 8 CICS link routine and task-related user exit (TRUE). The format and proper keyword values are discussed in *Preparing DDLINK Input for CICS* , in .

Possible error message texts that might appear with this message number and the appropriate action that should be taken to correct each problem are given in the table below.

Message Text	Description	Action
ADACIRQ card ID not ADALNK	Columns 1 through 6 did not contain the proper DDLINK keyword "ADALNK".	Check the input data referenced by DDLINK DD statement and ensure columns 1 through 6 contain the string "ADALNK".
ADACIRQ CCARD ID not followed by a blank	A blank must follow the ADALNK keyword and precede any keyword values provided in the DDLINK input.	Check the input data referenced by the DDLINK DD statement to ensure the DDLINK input is properly formatted.

Message Text	Description	Action
ADACIRQ CCARD did not contain delimiters	No keyword delimiters (for example, commas or equal symbols) were detected when the DDLINK input data was processed by ADACIRQ.	Check the input data referenced by the DDLINK DD statement to ensure the DDLINK input is properly formatted.
ADACIRQ keyword/value delimiter not found	An unknown keyword delimiter was detected by ADACIRQ when processing the DDLINK input data.	Check the input data referenced by the DDLINK DD statement to ensure the DDLINK input is properly formatted.
ADACIRQ CKEYWORD scanned is unknown	An unknown keyword was detected when ADACIRQ processed the DLLINK input data.	Check the input data referenced by the DDLINK DD statement to ensure the DDLINK input is properly formatted.
ADACIRQ keyword value is too long	The value provided for a keyword is too long. Either it is invalid or an expected blank or comma is missing.	Check the input data referenced by the DDLINK DD statement to ensure the DDLINK input is properly formatted.

Action   Refer to the table above for appropriate actions.

12 ADAL* - Command Log (CLOG) System Messages

> **Note:** Each of the messages in this section starts with the relevant database ID.

ADAL01   **CLOG not active**

Explanation   The command log is sequential, and the DDLOG data set was either set to "dummy" or could not be opened. Command logging is switched off.

ADAL02   **CLOGR{n} is active**

Explanation   The specified command log for dual or multiple command logging is now active.

ADAL03   **Command log DDCLOGR{n} has started**

Explanation   Command logging has switched to data set DD/CLOGRn .

ADAL04   **Warning : now it is too late to copy DDCLOGR{n}**

Explanation   The specified dual or multiple command logging data set is being overwritten with new log data, and is no longer valid .

ADAL05   **I/O error on DDCLOGR{n}. Command logging terminated**

Explanation   Command logging to data set DDCLOGRn was terminated by an I/O error .

ADAL06	**Command log is not available**
Explanation	None of the dual or multiple command logging data sets was available (presently being copied by ADARES) . Command logging is switched off.

ADAL07	**Command long could not be opened**
Explanation	An invalid command logging device or size was specified, or an I/O error on either the first or last block was detected. Command logging is switched off.

ADAL10	**PPT error {nn} processing CLOG**
Explanation	An error occurred while processing the parallel participant table (PPT). The nucleus stays up, but command logging is disabled.
Action	Collect diagnostic information such as that provided by the ADAICKPPTPRINT function. Provide the error number "nn" and the PPTPRINT to your Software AG technical support representative. It may be necessary to format the PPT and restart the nuclei in order to rebuild the PPT.

ADAL11	**Warning - CLOG datasets have changed. PPT overwritten.** **Use ADARES MERGE CLOG to copy previous CLOG datasets.**
Explanation	Either the CLOG data sets are different from what was specified in the last session or no CLOGs are specified but the previous CLOGs were not copied. The PPT information about these data sets is being overwritten.
Action	If the contents of the CLOGs are still needed, they must be copied with the CLCOPY function and then merged manually. If the contents are not needed, no action is required.

ADAL12	**{date} {time} CLOGMRG=YES not valid. CLOGMRG not in effect.**
Explanation	This message is generated if an attempt is made to initialize a non-plex/ASM nucleus (NUCID=0) with CLOGMRG=YES specified. This is an informational message only and the nucleus will come up. CLOGMRG=YES should only be specified if NUCID is greater than 0.
Action	No action is required for this informational message.

13 **ADAM* -- ADAMPM System Messages**

ADAM001	**VM/System product release level under 3 - not supported**
Explanation	The z/VM version being used is not supported by the Entire Net-Work IUCV driver.
	The IUCV line driver cannot be opened.
Action:	Upgrade the system to the required z/VM level.

ADAM002	**Line driver maximum number of connections exceeded on {type} machine**
Explanation	z/VM systems only: An IUCV connection between two virtual machines could not be made because either the initiating (source) or target virtual machine exceeded the MAXCON value in the machine's CP directory. The *type* of machine (SOURCE or TARGE) that exceeded the MAXCON value is given in the message.
Action	Increase the appropriate MAXCON value and update the machine's CP directory.

ADAM003	**No IUCV authorization found**
Explanation	Entire Net-Work was not able to sign on to IUCV because the virtual machine was not IUCV-authorized in the CP directory.
	The IUCV line driver cannot be opened.
Action:	Add the required IUCV statements to the CP directory for the virtual machine.

ADAM004	**No IUCV message found on link {link-name}**
Explanation	The Entire Net-Work IUCV line driver attempted to receive or reply to a message that was not found in any IUCV message queue.
	The IUCV line terminates Entire Net-Work abnormally.
Action:	Make note of the link "link-name", any related messages and dump listings, and call your Software AG technical support for assistance.

ADAM005	**IUCV {function} function error {err-num} on link {link-name} on path-ID {path}**
Explanation	The specified function detected error *err-num* on the specified link and path.
	This message is followed by message ADAM007. The IUCV line terminates Entire Net-Work abnormally.
Action:	Note the error number (*err-num*), the link (*link-name*) and any related messages, and call your Software AG technical support for assistance.

ADAM006	**IUCV send completion error {err-num} onlink {link-name} path-ID {path}**
Explanation	The IUCV SEND function detected error *err-num* on the specified link and path.
	The IUCV line terminates Entire Net-Work abnormally.
Action:	Note the error number (*err-num*), the link (*link-name*), any related messages, and call your Software AG technical support for assistance.

ADAM007	**IUCV parameter block at location {location}**
Explanation	This message occurs after an ADAM005 error, and is followed by a hexadecimal display of the failing IUCV parameter block.
	The IUCV line terminates Entire Net-Work abnormally.
Action:	Retain the displayed information plus any other related error or dump information and contact your Entire Net-Work technical support representative.

ADAM008	**Incoming traffic impaired on link {link-name} due to buffer shortage**
Explanation	Incoming messages on link *link-name* are being delayed due to insufficient buffer space.
	Entire Net-Work suspends incoming data traffic until the buffer shortage is resolved.
Action:	Increase the short-term buffer size for a virtual machine running a non-paging guest operating system, or increase the page-fixed buffer size for a paging guest system virtual machine. Both buffers are controlled by the NODE statement parameters for the link-name's node.

ADAM009	**Communications impaired to link {link-name}**
Explanation	Communication with the specified link is impaired by insufficient buffer space on that node. Message ADAM008 occurs on that node, advising of the problem.
	The adjacent Entire Net-Work node suspends incoming data traffic until the buffer shortage is resolved.
Action:	Increase the short-term buffer size for a virtual machine running a non-paging guest operating system on the specified node, or increase the page-fixed buffer size for a paging guest system virtual machine. Both buffers are controlled by the NODE statement parameters for the link-name's node.

ADAM01   **{version} {job-name} abend code {code}**

Explanation   z/VSE systems only : An ADAMAF abend occurred. The variable message information
                           is as follows:

version	Adabas version
job-name	the z/VSE job name
code	the abend code

ADAM010   **Pending connection rejected due to buffer shortage**

Explanation   This node could not accept a connection due to inadequate buffer space.

                           The IUCV path which was initiated is not connected.

Action: Increase the short-term buffer size for a virtual machine running a non-paging guest
                           operating system, or increase the page-fixed buffer size for a paging guest system
                           virtual machine. Both buffers are controlled by the NODE statement parameters for
                           the specified node.

ADAM011   **Normal communications resumed to link {link-name}**

Explanation   This informational message advises that the condition causing previous impaired
                           communications has been corrected.

                           A buffer shortage indicated by a message ADAM008 or ADAM009 has been resolved.

Action: No action required. This message is for your information only.

ADAM012   **Buffer program check on link {link-name}**

Explanation   A program check occurred while accessing an IUCV buffer area.

                           Entire Net-Work terminates operation with a dump.

Action: Note the link "link-name", any related error or dump listing information, and call
                           your Software AG technical support for assistance.

ADAM013   **{number} number of sends 2way {count-a} 1way {count-b}**

Explanation   This normal termination message specifies the total number of SEND/REPLY (SEND
                           2WAY) and SEND 1WAY messages, as well as the counts of each type of SEND.

                           Entire Net-Work proceeds to terminate normally.

Action: No action required. This message is for your information only. An excessive number
                           of SEND 1WAYs maybe an indicator that the MSGLIM parameter value is insufficient.

ADAM014	{number} number of replies non-null {count-a} null {count-b}
Explanation	This normal termination message specifies the total number of IUCV replies as well as the counts of replies containing data (non-null) and those without data (null).
	Entire Net-Work proceeds to terminate normally.
Action	No action required. This message is for your information only. An excessive number of null replies indicates the SEND 1WAY protocol is more suitable.

ADAM015	Incoming message exceeds buffer length on link {link-name}
Explanation	An incoming IUCV message from the link *link-name* was too long for the available buffer.
	Entire Net-Work terminates operation with a dump.
Action:	Increase the short-term buffer pool size (specified by the NODE statement for the specified node ID).

ADAM016	Outgoing message exceeds buffer length on link {link-name}
Explanation	An outgoing IUCV message was too large for the allocated buffer space.
	Entire Net-Work terminates operation on this node with a dump.
Action:	Increase the short-term buffer pool size (specified by the NODE statement for this node ID).

ADAM017	Connection to user {user-id} denied due to block length conflict
Explanation	The values specified by this node's and the partner node user-id's LINK statement MAXBLK parameters are not the same.
	The IUCV path that was initiated is not connected.
Action:	Correct one of the LINK statement's MAXBLK values to agree with the other.

ADAM018	Message limit on path to VMID {vm-id} INSUFFICIENT
Explanation	The maximum number of outstanding IUCV messages allowed was exceeded.
	The IUCV line terminates abnormally.
Action:	Correct either the IUCV LINK statement's MSGLIM parameter value, or the CP directory MSGLIMIT value.

ADAM019	**Maximum block length set to {length}**
Explanation	Entire Net-Work found no MAXBLK value on the IUCV LINK statement in a paging system where a maximum block size is required.
	Entire Net-Work sets the block length to the page size "length".
Action	No action is required for this informational message.

ADAM020	**Initialization error {err-num} for guest system IUCV support**
Explanation	Entire Net-Work was unable to initialize the IUCV line driver in the guest operating system. The driver is not opened.
	If the IUCV driver is the only driver specified, Entire Net-Work terminates operation on this node.
Action:	Note the error number ("err-num") and guest operating system level, and call your Software AG technical support for assistance.

ADAM021	**Link {link-name} not connected error {err-code} IUCV-code {code}**
Explanation	A connection could not be made to another virtual machine. The error code "err-code" is returned by the operating system's IUCV interface; the IUCV code "code" is returned in the IPRCODE field of the IUCV parameter block. The value "code" can be one of the following IUCV CONNECT error codes:

11	Target communicator not logged on.
12	Target communicator has not invoked the DECLARE BUFFER function.
13	The maximum number or connections for this virtual machine has been exceeded.
14	The maximum number or connections for the target virtual machine has been exceeded.

	IUCV codes 11 and 12 are two of the most common codes that can occur.
Action:	Ensure that the virtual machine at the other end of the link is logged on, active, and authorized to use IUCV. Refer to the appropriate operating system information for the meaning of "err-code", and the corrective action. For detailed IUCV and related code information, see IBM's z/VM System Programmer's Guide and z/VM System Facilities for Programming manuals.

ADAM022	**Path to VMID {vm-id} disconnected due to interrupt queue shortage**
Explanation	The Entire Net-Work IUCV support routine was not able to save the status of an incoming IUCV interruption due to a lack of interrupt queue elements.
	The IUCV link is disconnected.
Action:	Increase the value of the QSIZE parameter for NETSIR and rerun NETSIP with the REPLACE parameter

ADAM025I	IUCV driver manually closed
Explanation	The IUCV driver has been closed either by an operator command or by SHUTDOWN processing.
Action	No action is required for this informational message.

ADAM13	{number} number of sends 2way {count-a} 1way {count-b}
Explanation	This normal termination message specifies the total number of SEND/REPLY (SEND2WAY) and SEND1WAY messages, as well as the counts of each type of SEND.

ADAM14	{number} bynber if replies non-null {count-a} null {count-b}
Explanation	This normal termination message specifies the total number of IUCV replies as well as the counts of replies containing data (non-null) and those without data (null).

ADAM15	Incoming message exceeds buffer length on link {link-id}
Explanation	An incoming IUCV message from the specified link exceeded the length of the available buffer. Entire Net-Work terminates with a dump.
Action:	Use the message blocking and/or compression options for the link (specified by the IUCV LINK statement), or increase the short-term buffer pool size (specified by the NODE statement for the specified node ID).

ADAM16	Outgoing message exceeds buffer length on link {link-id}
Explanation	An outgoing IUCV message was too large for the allocated buffer space. Entire Net-Work terminates operation on this node with a dump.
Action:	Use the message blocking and/or compression options for the specified link (specified by the IUCV LINK statement), or increase the short-term buffer pool size (specified by the NODE statement for this node ID).

ADAM17	Connection to user {user-id} denied due to block length conflict
Explanation	The values specified by this node's and the partner node "user-id's" LINK statement MAXBLK parameters are not the same.
Action:	Correct one of the LINK statement's MAXBLK values to agree with the other.

ADAM18	Message limit on path to VMID {vm-id} insufficient
Explanation	The maximum number of outstanding IUCV messages allowed was exceeded.
Action:	Correct either the IUCV LINK statement's MSGLIM parameter value, or the CP directory OPTION MAXCONN value.

ADAM19	Maximjm block length set to {length}
Explanation	Entire Net-Work found no MAXBLK value on the IUCV LINK statement, and therefore has set the block length to the page size *length*.

ADAM20	Initialization error {err-num} for guest system IUCV support
Explanation	Entire Net-Work was unable to initialize the IUCV line driver in the guest operating system. The driver is not opened.
	If the IUCV driver is the only driver specified, Entire Net-Work terminates operation on this node.
Action:	Note the error number ("err-num") and guest operating system level, and call your Software AG technical support for assistance.

ADAM76	SVCDUMP busy
Explanation	A request to write an SVC dump has failed due to a busy condition. This indicatest that the system service is active processing another SVC dump request. If the busy condition is returned from the first attempt to write to SVCDUMP. the following message is issued:

```
ADAM76  SVCDUMP busy - retry ever 05 sec for 15 min
```

In this case, the SVC dump requrest will be retried as indicated in the message.

If the busy condition persists for the maximum time permitted, the following messages are issued and no further retries are attempted:

```
ADAM76  SVCDUMP busy - dump not written
ADAM78 SVCDUMP SDUMP FAILED RC rc/sc
```

Dump processing then continues as if the SVCDUMP DD statement had not been specified.

Action	No action is required for this informational message.

ADAM77	**SVCDUMP ignored - not authorized**

Explanation   An SVC dump (`//SVCDUMP DD`) was attempted, but the job is *not* running with APF authorization. APF authorization is required for an SVC dump.

Dump processing continues as if the SVCDUMP DD statement had not been specified.

Action   No action is required for this information message.

ADAM78	**SVCDUMP {SDUMP|TDUMP} failed RC{ rc/rsn}**

Explanation   The SVC dump failed. The return code (`rc`) and reason code (`rsn`) from the IBM SDUMP macro or IBM IEATDUMP macro are given in the message.

Action   No action is required for this information message.

ADAM79	**SVCDUMP {SDUMP|TDUMP} written RC {rc/rsn}**

Explanation   The SVC dump was written. The return code (`rc`) and reason code (`rsn`) from the IBM SDUMP macro or IBM IEATDUMP macro are given in the message or are suppressed if the return code is zero.

Action   No action is required for this information message.

ADAM81	**{dbid} unexpected return code {ret-code} {information} in{function}**

Explanation   BS2000 systems only: The BS2000 macro or function `function` issued the unexpected return code `ret-code`. Depending on the specified macro or function, `information` contains more error-specific information:

Function	Information
ENAEI	task sequence number
DISEI	task sequence number
POSSIG	task sequence number
ENAMP	pool name. If "ret-code" is 08...00, a common memory pool is already present, but it must be new
REQMP	pool name
MP2LEVEL	ADAMP2 level (first byte) ADARER level (fourth byte)

Action: For the ENAMP function, if `ret-code` is 08...00, a common memory pool is already present and a new pool is being required. An attempt was most likely made to bring up an active nucleus again. Do not bring up the same nucleus twice for the same task if the ENAMP function was indicated.

The MP2LEVEL indication occurs when an incompatible reentrant router was loaded by another Adabas nucleus. Refer to the related BS2000 information for return code meanings and actions.

ADAM82	**{dbid} Adabas cancelled in bourse wait**
Explanation	BS2000 systems only: The Adabas nucleus was cancelled while waiting for an event.

The nucleus terminates without giving control to termination recovery to reset the the DIB block. The user abend code is 233.

ADAM83	**{dbid text}**
Explanation	BS2000 systems only: The message *text* is explained as follows:

```
New IDT created,name=idt-name,GROUPS={YES | NO}
```

The reporting task created a new ID table *idt-name* located above the 16-MB limit with the attribute GROUPS=NO (global to the machine) or GROUPS=YES (in the scope of the user logon).

```
Connected to IDT idt-name,GROUPS={YES | NO}
```

The reporting task participates in the existing ID table *idt-name* located above the 16-MB limit with the attribute GROUPS=NO (global to the machine) or GROUPS=YES (in the scope of the user logon).

```
CMDQ/AB pool enabled, LOC=loc
```

The location of the command queue (CMDQ) pool is location *loc*" which is either "above" or "below".

```
Disconnected from IDT idt-name
```

The nucleus closed out its use of ID table *idt-name*. Another nucleus or user task is holding the ID table.

```
Disconnected from CMDQ/AB pool
```

The nucleus stopped processing, but the command queue (CMDQ) pool is still being held by a user task.

```
IDT disabled, Name=idt-name
```

```
CMDQ/AB pool disabled
```

The nucleus stopped processing, and no user task is using the command queue, which is removed from the system.

ADAM85	**{dbid} IDT INIT error : {text}**
Explanation	BS2000 systems only: An error occurred during the initialization of the IDT. Depending on the message text, the explanations are as follows:

```
ADARER is no BS2000 router
```

The load library does not contain a consistent router module (ADARER).

```
Wrong ADARER version vv expected: ee
```

The load library contains a router module (ADARER) from an earlier Adabas version where *vv* is the version level encountered and *ee* is the version level required.

```
RERPROG NE "RERBS2"
NOT AN XS ROUTER
NOT AN SMP ROUTER
ROUTER NOT AT OFFSET 0
```

A module containing the Adabas router (ADARER) was loaded, but it is not an SSF router of the required version.

Action:	Check the contents of the load library(s). Check load library assignments.
ADAM86	**{dbid} IDT CONN error : {text}**
Explanation	BS2000 systems only: An error occurred during connection to an existing IDT. Depending on the message text, the explanations are as follows:

```
ADARER is no BS2000 router
```

The IDT does not contain a consistent router module (ADARER). IDTNAME= specifies a memory pool other than an Adabas IDT.

```
Wrong ADARER version
```

The IDT contains a router module (ADARER) from an earlier Adabas version.

Action:	Check IDTNAME= parameters. Note that the first target coming up and initializing the IDT must have the latest Adabas version.
ADAM86	**dbid IDT CONN ERROR :{ text} 1) SMPSVC (ROUTER EXTENSION) NOT LOADED 1) DBID ALREADY IN USE BY SMP CLUSTER 2)**
Explanation	BS2000 systems only: An error occurred when attempting to connect to the IDT. A memory pool named by IDTNAME was found, but did not contain the expected structure. The message *text* is explained as follows:

```
RERPROG NE "RERBS2"
```

The ADARER program encountered was not the required RERBS2.

```
Router ID was xxxx,expected yyyy
```

The router ID encountered (*xxxx*) was not the router ID required (*yyyy*).

```
RERAIDT = ZERO
IDIDTID = WRONG VALUE
NOT AN SMP ROUTER
```

This message can occur when an Adabas nucleus of version 6.1.3 or above attempts to connect to a non-SMP router; that is, one that contains modules from Adabas version 6.1.2 or below.

Action: Determine whether:

- the IDTNAME specifies an IDT at the appropriate version level.

- another target is using a DBID reserved for internal SMP purposes.

ADAM88   **{ddddd} Processor(s) = {n}**

Explanation   BS2000 systems only. This is an information message which states how many processors (n) are available on the computer on which the database ddddd is started.

Action: None required.

ADAM89   **{dbid} Unexpected return code {ret-code} from SSF function ({function})**

Explanation   BS2000 systems only: The specified SSF function encountered an unrecoverable condition.

Action: Contact your Software AG technical support representative.

ADAM8B   **{dbid}IDT Version {vv} date {yyyymmdd} SM {ssss}**

Explanation   BS2000 systems only: This informational message identifies which IDT version (*vv*) is being accessed by the database (*dbid*) when started, its date of assembly (*yyyymmdd*) and the SM level (*ssss*).

Action: No action is required for this informational message.

ADAM8C   **{dbid} Router Zaps Applied: {zzzz zzzz zzzz zzzz zzzz zzzz zzzz}**

Explanation   BS2000 systems only: This informational message identifies which zaps (*zzzz*) have been applied to the IDT accessed by the database (*dbid*) when started.

Action: No action is required for this informational message.

ADAM90   **{dbid} Adabas subtask abend code {code} PSW {password} {reg0} {reg1} {reg2} {reg3} (R0-R3) {reg4 reg5 reg6 reg7} (R4-R7){ reg8 reg9 reg10 reg11} (R8-RB) {reg12 reg13 reg14 reg15} (RC-RF)**

Explanation   An Adabas subtask abend occurred. The abend code, password, and register information is in the same foramt as the ADAM99 message.

The subtask terminates with Adabas user abend 252.

ADAM90   **{dbid} Post module ADAAPSPE loaded**

Explanation   BS2000 systems only.

This isn't informational message. It states that the Software AG internal product software (APS) posting module ADAAPSPE has been loaded into the router. This is an acknowledgment that access to APS applications is now enabled.

ADAM91   **{dbid} {target} user gone**
                 job {job-name} user ID {hex-user-id}

Explanation   Adabas tried to process a user call, but the addressed data area was not addressable, or no longer contained recognizable data. This message occurred while Adabas was receiving the command (router 08-CALL processing).

The program was apparently cancelled after issuing an Adabas command (router 04-CALL), perhaps due to a communication delay or timeout.

Action: Avoid ending, abending, or cancelling the program, if possible.

ADAM92   **{dbid} {target} user gone job {job-name} user ID {hex-user-id}**

Explanation   Adabas tried to process a user call, but the addressed data area was not addressable, or no longer contained recognizable data. This message occurred while Adabas was posting the user after command completion (router 12-CALL processing).

The program was apparently cancelled after issuing an Adabas command (router 04-CALL), perhaps due to a communication delay or timeout.

Action: Avoid ending, abending, or cancelling the program, if possible.

ADAM92   {ddddd} Post module ADAAPSPE loaded

Explanation BS2000 systems only. This is an information message. This states that the Software AG internal product software (APS) posting module ADAAPSPE has been loaded into the router. This is an acknowledgement that access to APS applications is now enabled.

Action: Avoid ending, abending, or cancelling the program, if possible.

ADAM93   {dbid} {target} User gone
job {job-name} user ID {hex-user-id}

Explanation The user's program exceeded the ADARUN CT time allowed without receiving the results of an Adabas call (performing router 16-CALL processing). This could be caused by processing delays caused by an overloaded system or network, low priority, or teleprocessing delays.

Adabas assumes that the user program has been cancelled; Adabas frees the command queue element (CQE) and alternate buffers. If a user program eventually issues a router 16-CALL, a response code 254 also occurs.

Action: Consider increasing the ADARUN CT time, or otherwise increase the resources for the user program. Avoid cancelling or ending the user program, if this was done.

ADAM94   {dddd} Post Module ADAASPE loaded

Explanation BS2000 systems only. This is an information message stating that the Software AG internal product software (APS) posting module ADAAPSPE has been loaded into the router. This is an acknowledgment that access to APS applications is now enabled.

Action No action required for this informational message.

ADAM96   {dbid} MPM running in XAE-{mode-type} mode under V{v }
{dbid} MPM running in {ops} - {mode-type} mode under {level}

Explanation This message specifies the mode under which Adabas is running:

ops	z/VSE operating system type, either "370" or "ESA"
v	the z/VSE version
mode-type	SHARED NON-SHARED NON-SPECIFIED
level	the operating system level

ADAM97 **{dbid} MVS has set this service's ASCB/ASID unusable until the next IPL initiator must be restarted**

Explanation ASIDs are defined by cross-memory services. For more information regarding the use of ASCB/ASIDs by Adabas, refer to the Adabas Installation documentation section *Requirements for Cross-Memory Services*.

Action: Ask the system operator to start the initiator.

ADAM97 **{dbid} This ASCB/initiator will be terminated by MVS at EOJ**

Explanation When a nucleus with an active cross-memory environment ends, the entire address space including any initiator is also terminated, whether termination is normal or not. Refer to the Adabas Installation documentation section Requirements for Cross-Memory Services .

Action: None required. This information is for your information only.

ADAM98 **{dbid} Target initialization error: {cause}**

Explanation ADAMPM was unable to establish interregion communication for the reason specified in the message (*cause*), which is one of the following:

Cause	Action
Communicator RSP=*resp-code*	An unexpected response code resulted from the sign-on call to the Entire Net-Work communicator. This message can also occur when Entire Net-Work installation has not completed for some reason. Refer to the Entire Net-Work documentation for a description of the response code *resp-code*.
CQ/AB incorrect key	The service's CQ and AB pool were not acquired with the correct attributes. Verify that the execution libraries are correct. If you are unable to resolve the error, contact your Software AG support representative.
DUP ID on node *node-id*	In Entire Net-Work, target (database) IDs must be unique across all connected systems. Duplicate target IDs cannot be active on systems connected with Entire Net-Work. Determine the conflicting targets having the specified node ID, and choose which is to be active under the specified ID.
DUPL. COMMUNIC./TRANSL.	Only one communicator/translator can be active at any one time. Correct the problem and rerun the job.

Cause	Action
Duplicate ID (LOCAL)	The ID table already contains an active entry for the target ID (database ID) specified. Multiple targets with the same ID are not allowed. Choose which of the two targets should be active and if necessary, end the currently active target, and restart the job for the other target. Do not specify the FORCE=YES ADARUN parameter unless it is absolutely certain that the ID table entry now active was left behind by a target that is no longer valid. If this problem continues, retain all related information and contact the Software AG support representative.
ID table full	The system already holds the maximum allowed number of ID table entities that can be simultaneously active: databases, Entire Net-Work nodes, Entire System Server (Natural Process) nuclei, etc. This maximum is set during ID table initialization; the default is 10. Either terminate one of the active targets and restart the job, or end all active targets and reinitialize the ID table with a larger size (using ADASIP or by re-IPLing the system).
Incompatible SVC version	ADASVC must be at the same or later release as ADAMPM. Verify that the SVC and the execution libraries are correct.
Internal error	Keep all dumps, messages, and other related information and contact your Software AG support representative.
Invalid ID (DA parm)	Specify a TARGETID or DATABASE parameter value in the range 1 - 65535.
Length IUB (LU parm)	Specify an LU parameter value in the range 1 - 65535.
No common memory CQ/AB	The necessary common storage space for the command queue (CQ) and/or the attached buffer pool is not available. Either specify a smaller buffer requirement if possible, or re-IPL the system to free lost common storage.
No ID table	The ID table was not correctly initialized by ADASIP and/or ADASIR. For VM/CMS, this cause means the ID table manager virtual machine is not active. Rerun ADASIP and/or ADASIR to correctly initialize the ID table.

Cause	Action
Number ATTBUFS (NA-parm)	The attached buffer count (NA parameter in ADARUN) was either not specified or specified as zero, or the requested space is unavailable. Either correct the parameter or increase the region size. Restart the job.
Number CQES (NC parm)	Specify an NC parameter value in the range 1 - 32767.

ADAM99　　　　{dbid} ADABAS ABEND CODE {code} {error-environment-information}

Explanation　　The nucleus ended abnormally. This is the result of an error detected by Adabas (user abend code) or by the operating system (system abend code). All abend code values are given in hexadecimal notation.

The abend code (*code*) format is specific to your operating system:

■ z/OS: The first four bytes of the abend code are in the form *xxsssuuu*. The system abend code is specified by *sss* and the user abend code (the Adabas nucleus abend code) by *uuu*. Some system abend codes also provide a four-byte reason code. System abend and reason codes are documented in *z/OS MVS System Codes*. Adabas nucleus abend codes are described elsewhere in this documentation.

■ z/VSE: The first four bytes of the abend code are in the form *xxsssuuu*. The system abend code is specified by *sss* and the user abend code (the Adabas nucleus abend code) by *uuu*. System abend codes are documented as cancel codes in *z/VSE/AF Messages and Codes*. Adabas nucleus abend codes are described elsewhere in this documentation.

■ BS2000: The rightmost byte shows the STXIT interrupt code. They are documented in the *Executive Macros* manual, under *Task and Program Execution Control, STXIT Procedure with Contingency Processing*.

Additional *error environment information* follows the abend code in the message text, in the following order:

■ PSW: The eight-byte program status word. The rightmost four bytes are the instruction address at the time of the abend.

■ EC Info: Eight bytes of additional z/OS extended control mode information, such as the instruction length code, the interrupt code, and the virtual address causing a translation exception. Refer to the IBM documentation for SDWA fields SDWAAEC1 and SDWATRAN for more details.

■ R0 - R15: Contents of the general purpose registers. Each register is either four or eight bytes, depending on whether the hardware and operating system support eight-byte registers.

■ AR0 - AR15: Contents of the access registers.

■ The load addresses of various nucleus modules and user exits.

The following is an example of an ADAM99 message produced when a z/OS nucleus was canceled:

```
ADAM99 00226 ADABAS   Abend code 40222000 00000000
078D1000 8001EC02 00020001 00000000 (PSW, EC Info)
00000000_00000001 00000000_FFFBC5F8 (R0-R1)
00000000_00043A08 00000000_001651A0 (R2-R3)
00000000_00000000 00000000_00009C9A (R4-R5)
00000000_246FA940 00000000_0014D6EC (R6-R7)
00000000_0014D6EC 00000000_0005A988 (R8-R9)
00000000_0001EBA8 00000000_00056000 (R10-R11)
00000000_800109E0 00000000_000129D0 (R12-R13)
00000000_8001EBD4 00000000_808D6C68 (R14-R15)
00000000 00000000 00000000 00000000 (AR0-AR3)
00000000 00000000 00000000 00000000 (AR4-AR7)
00000000 00000000 00000000 00000000 (AR8-AR11)
00000000 00000000 00000000 00000000 (AR12-AR15)


 ADARUN 00007A60 ADALNK 800456C0 ADAMOD 80044100 ADAMIM 80054000
 ADARVU 8004CEB8 ADACLX 80051000 ADARMT 80053100 ADAMSG 8004A000
 ADAIOR 800109E0 ADAIOS 80015A18 ADANC0 00055000 ADANC1 0005A800
 ADANC2 00068000 ADANC3 0008C400 ADANC4 000A0800 ADANC5 000B4400
 ADANC6 000C7800 ADANC7 000DBC00 ADANC8 000F4400 ADANC9 0010B000
 ADANCA 00113400 ADANCB 00123000 ADANCC 00127D00 ADALOG 00135998
 ADAMPM 8013C430 ADARAC 8013FF30 ADAMGR 801464F8 ADAMGI 8014AF00
```

Action: Refer to your Adabas documentation for a description of a nucleus user abend, or to the appropriate operating system documentation for a description of the system abend.

14 ADAQ* System Messages

ADAQnn messages are received from the Adabas Review hub.

> **Note:** Each of the messages in this section starts with the relevant database ID.

ADAQ89	**Possible conflict between REVIEW nub and UEX4. RAOSEXIT disabled.**
Explanation	The Adabas Review hub was enabled by specifying the REVIEW parameter with a hub ID value in addition to the UEX4 parameter. The user exit 4 module, however, was identified as RAOSEXIT, a Review user exit that is not compatible with the Adabas Review hub. The Adabas nucleus completes its initialization but no calls to user exit 4 are performed by ADALOG.
Action:	If the UEX4 parameter is left over from a previous conversion, remove the parameter. Otherwise, supply the correct user exit 4 module name.

ADAQ90	**REVIEW hub inaccessible because REVIEW HUBID was not specified.**
Explanation	The REVIEW hub ID value was zero. The Adabas nucleus completes its initialization but no calls are made to the Adabas Review hub.
Action:	Specify the correct REVIEW hub ID value and restart the nucleus.

ADAQ91	**{module-name} monitoring system initialization failed. See error messages.**
Explanation	The specified monitoring system component returned a nonzero status. Such a failure is accompanied by error messages displayed by the monitoring system. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.
Action:	Check the monitoring system error messages, correct the cause of the error, and restart the nucleus.

ADAQ92	**{module-name} monitoring system was not loaded. Contact your vendor.**
Explanation	The specified monitoring system component could not be loaded. It is possible that the load library containing the expected module was not specified in the job stream of the nucleus. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.
Action:	Correct the cause of the error and restart the nucleus.

ADAQ93	**{module-name} monitoring may be incompleted because ADALOG is not loaded.**
Explanation	The command logging module ADALOG was not loaded. The monitoring system cannot process command log records. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.
Action:	Correct the cause of the error and restart the nucleus

ADAQ94	**{module-name} is an incorrect version level. Contact your vendor.**
Explanation	The specified module is at an incorrect version level and cannot be used with this version and/or SM-level of Adabas. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.
Action:	Contact your monitoring system vendor to determine if the correct module is being used or supplied.

ADAQ95	**{module-name} does not have the correct PIM. Contact your vendor.**
Explanation	The specified module is incompatible with this version and/or SM-level of Adabas. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.
Action:	Contact your monitoring system vendor to determine if the correct module is being used or supplied.

ADAQ96	**{module-name} cannot monitor IOR calls at this time. Unusual error.**
Explanation	Adabas cannot give control to the specified monitoring system module for purposes of monitoring I/O activity. The problem is that the Adabas system dependent interface module was not properly loaded. The Adabas nucleus completes its initialization but no calls are made to the monitoring system.
Action:	Note the error message number and module name and call your Software AG technical support for assistance.

ADAQ97	**{system-name} is not a recognized monitor system. Check your parameter.**
Explanation	The system setting for the MONITOR parameter (`system-name`) does not specify a valid monitoring system name. The Adabas nucleus completes its initialization but no calls are made to the monitoring system
Action:	Correct the parameter and restart the nucleus.

ADAQ98	**{system-name} conflicts with REVIEW HUBID parameter. ADABAS REVIEW HUB ASSUMED.**
Explanation	The REVIEW parameter with a hub ID value was specified in conjunction with the `MONITOR` parameter, but the specified monitoring system name was not Adabas Review. Adabas assumes that the monitoring system is Adabas Review and will send its calls to the hub.
Action:	None required if Adabas Review is the desired monitoring system. If the monitoring system is not supposed to be the Adabas Review hub, remove the REVIEW parameter and restart the nucleus.

ADAQ99	**REVIEW HUBID = Adabas DBID is not permitted. REVIEW hub inaccessible.**
Explanation	The specified REVIEW hub ID value is identical to the value specified for the DBID parameter. The Adabas Review hub cannot have the same target ID as that of the Adabas nucleus. The Adabas nucleus completes its initialization but no calls are made to Adabas Review.
Action:	Correct the REVIEW parameter and restart the nucleus.

15 ADAR* System Messages

All ADARnn messages are written to the operator console.

ADAR01	{version job-name load-name} RC={ret-code}
Explanation	The LOAD or CDLOAD macro failed and ADARUN was not able to load ADAIOR. ADARUN issues a message and ends with an abnormal end (abend). The value of *load-name* is either "LOAD" for LOAD (SVC 4) or "CDLO" for CDLOAD (SVC65). The value of *ret-code* is the return code from the CDLOAD or LOAD macro, and can have the following meanings:

Return codes from the CDLOAD macro include

0	successfully completed
4	GETVIS area size OK
8	specified length exceeds GETVIS area
12	insufficient GETVIS storage
16	CDLOAD directory is full
20	nonexistent phase (when RETPNF=YES)
24	move mode phase requested

Return codes from the LOAD macro include:

0	LOAD completed successfully
4	phase not found, was deleted, or recataloged
8	unrecoverable I/O error
12	invalid library/sublibrary structure found
16	address range violation: directory entry exceeds partition, or phase does not fit in partition
20	security violation

24	incompatible library directory entries: phase length, relocation state or load point/partition start or load point/entry point address differences. The library directory entry overwrites the local entry.
28	partition/logical transient area is too small

ADAR10   **Logic error at {module+offset} R0={reg0} R1={reg1} R2={reg2} R3={reg3} R4={reg4} R5={reg5} R6={reg6} R7={reg7} R8={reg8} R9={reg9} RA={regA} RB={regB} RC={regC} RD={regD} RE={regE} RF={regF}**

Explanation   A logic error occurred during ADARAI processing either while collecting information during a utility or nucleus run, or while executing the ADARAI utility itself. The logic error is identified by the module and offset and the registers at the time of the error are provided in subsequent lines of the message.

Action: Contact your technical support representative. Provide the actions required to trigger the error and the text of the error message itself.

ADAR12   **{action} error '{error}' on {file} dataset**

Explanation   An I/O error occurred during an operation, identified by the *action* value, which was issued against a data set by the Adabas Recovery Aid collection or utility component. The data set is identified by the *file* value and the error will be identified by the *error* value.

action	OPEN	- data set was being opened
	CLOSE	- data set was being closed
	READ	- data set was being read
	WRITE	- data set was being written to
error	A description of the error that occurred	
file	RLOG	- error occurred on the RLOG data set
	PLOG	- error occurred on a PLOG data set
	ASSO	- error occurred on an ASSO data set

Action: The 'error' value indicates the error that occurred while accessing the identified data set.

ADAR13	**Inconsistent DBID {asso-dbid}, RLOG DBID {rlog-dbid}**
Explanation	The database ID for the database in the GCBs (*asso-dbid*) does not correspond with the database ID with which the RLOG was initialized (*rlog-dbid*). This message is issued by the Adabas Recovery Aid collection component and causes the utility operation or nucleus initialization request to fail.
Action:	Either the RLOG used for this utility run was not initialized to run with the database in use, or the database ID of the database was changed. In this case, the RLOG must be reinitialized using the ADARAI PREPARE function.

ADAR14	**Generation {gen-num} started**
Explanation	A utility operation was executed that caused a new generation to be started. The number of this new generation, which becomes the current generation, is 'gen-num'. This message is issued by the collection component of the Adabas Recovery Aid when a new generation is started.

ADAR15	**ADARAI request {request} returned RC={rc} reason={reason}**
Explanation	The ADARAI data collection component was called for request *request*; however, this request terminated with a return code and reason code as shown by *rc* and *reason* respectively. If *rc* is less than 8, the request completed successfully but messages may have been issued. If *rc* is 8 or greater, the request failed.
Action:	In many cases, this error is issued due to a situation highlighted by a previous Adabas or system message. However, if there is no obvious reason why this message has been issued, report the message to your technical support representative.

ADAR16	**Insufficient storage for ADARAI processing requested {reqsize} bytes obtained {stgsize} bytes**
Explanation	The Adabas Recovery Aid utility component attempted to obtain *reqsize* bytes of storage for its processing but only succeeded in obtaining *stgsize* bytes of storage. ADARAI processing fails.
Action:	Increase the amount of storage available to ADARAI by at least the byte count difference between *reqsize* and *stgsize*.

ADAR17	**RLOG open error DD/RLOGR1 not found**
Explanation	The Adabas Recovery Aid collection or utility component attempted to open the RLOG data set DDRLOGR1 but the file was not available to the job.
Action:	Provide the DDRLOGR1 file to the job and rerun the job.

ADAR18	RLOG open error {error}
Explanation	The Adabas Recovery Aid collection or utility component attempted to open the RLOG data set ; however. an open error occurred as identified by the 'error' value. This indicates that the DDRLOGR1 file has been found but some other error occurred.
Action:	Correct the error indicated by the 'error' value and rerun the job.

ADAR19	Serious ADARAI error failure could not be set in the RLOG dataset
Explanation	When the Adabas Recovery Aid collection component encounters any sort of problem, it attempts to set the status of the current generation to indicate that problems occurred while recording the generation. In the case where this message is issued, it was not possible to set the failure in the RLOG data set. This is particularly serious because the current generation will appear to be in a normal status but data will be missing. An attempt to use this generation to recover the database will probably lead to data being lost or invalid.

The Adabas Recovery Aid data collection interface terminates abnormally with abend code 33, which means that the utility or nucleus run will also be terminated abnormally. |
| Action: | A new generation should be started immediately for the database in question and a note kept that the generation for which this error occurred is invalid. You should then proceed to determine what the problem was based on other error messages issued prior to this error message. If necessary, contact your technical support representative for assistance. |

ADAR20	The current generation is {status}
Explanation	This message is issued by the Adabas Recovery Aid collection component when the current generation has any status other than the normal status. It is issued when the ADARAI data collection interface is called to insure that the user is aware that the current generation is in a state that may not be automatically recovered.
Action:	This is an information message and may be ignored if the status of the RLOG is acceptable to the installation. If not, a new generation should be started as soon as possible and the cause of the abnormal status for the generation investigated.

ADAR21	PLOG information not found for all or some of the following blocks: PLOG number {plog} Low PLOG block number {lowblk} [NUCID {nucid}] High PLOG bkicj number {highblk} [NUCID {nucid}]
Explanation	When the Adabas Recovery Aid utility ADARAI is building a given generation, it checks to make sure that all PLOGs required by the generation are available to it. This is based on the normal sequence of PLOG entries from the start of the generation to the end of the generation. When ADARAI expects a given range of PLOG blocks to be available but cannot find the relevant PLOG in its data, this message is issued. The data values provided are as follows:

plog	The number of the PLOG in which the missing blocks are found.
lowblk	The lowest identifiable PLOG block that cannot be found. When it is nonzero, a cluster nucleus ID follows.
highblk	The highest PLOG block that cannot be found. When it is nonzero, a cluster nucleus ID follows.
nucid	When it is nonzero, a cluster nucleus ID is appended after a high or low PLOG block number.

Action: This can happen if the current generation is the subject of the operation and the nucleus was not down at the time, or the last PLOG copy job had not completed. If this is not the case, it indicates that one or more PLCOPY jobs failed to record their information on the RLOG. To determine when and why this happened, refer back to the PLOG job that copied the blocks in question to determine why the data was not written to the RLOG data set.

ADAR31   **Generation restricted due to {reason}**

Explanation   After certain events on a database, ADARAI cannot generate a recovery job which will recover the database or files on the database without changes. When this occurs, the Adabas Recovery Aid collection component sets the generation into which the data is logged to the restricted status. This message is issued when this occurs and *reason* identifies why the generation was set to RESTRICTED.

Action: This message is for information only, however, it is recommended that once this message has been issued, a new generation is started as soon as possible to insure that a generation is available with a normal status.

ADAR76   **RLOG: {count-a} blocks out of {count-b} used ({nn%})**

Explanation   The minimum number of generations in the RLOG data set are using more than 50% of the RABNs available on the data set. This fact is determined when the Adabas Recovery Aid collection component writes information to the RLOG data set. Successful completion of the current nucleus or utility session is not affected by the situation. The meanings of the variable values are as follows:

count-a	total blocks available for logging on the RLOG
count-b	number of blocks currently being used on the RLOG
nn	percentage of RLOG blocks now used

Action: None required. This message is for your information only.

ADAR77	**Recovery log file overflow**
Explanation	The Adabas Recovery Aid data collection component attempted to write information for the current generation; however, the current generation does not fit on the RLOG and none of the other generations on the RLOG could be deleted. RLOG logging stops. Information for the current session could not be completely logged, and no further information will be logged. This does not affect successful completion of the current nucleus or utility session.
Action:	Run the ADARAI LIST utility function to archive the existing RLOG information and/or back up the RLOG data set. Increase the size of the RLOG. Finally, run ADARAI PREPARE followed by an ADASAV SAVE (database) to reestablish the RLOG logging operation.

ADAR78	**Unknown file element created**
Explanation	The Adabas Recovery Aid data collection component was unable to provide the ADARAI utility with information about the sequential file used during utility execution. An "unknown file element" was written to the RLOG instead of a "file element". This does not affect successful completion of the current nucleus or utility session.
Action:	Information about this sequential file can be recorded manually for later use in the ADARAI RECOVER function. If an ADARAI RECOVER function is executed using this generation/file, the job control statements needed for this file cannot be created. Instead, the "unknown file element" will be displayed and the ADARAI RECOVER function will complete with a return code of 04. The generated job control must then be edited to add the manually recorded file information.

16   ADAS* (Adabas SVC) System Messages

ADAS00   **SIRMVS ({yy yy - mm - dd}, SM={level}, ZAP={zap-number})**

Explanation   ADASIR has executed.

yyyy-mm-dd	the ADASIR assembly date
level	the maintenance (SM) level
zap-number	the highest zap number applied

ADAS01   **ADAB enter number of Adabas V{v} ID table entries (1-{nn})**

Explanation   ADASIR found an invalid ID table entry.

Action   Enter the decimal ID table value. ADASIR operation continues.

ADAS03   **ADAB Adabas V{v} ID table for SVC {svc} initialized**

Explanation   ADASIR has installed the Adabas SVC and acquired the necessary storage successfully.

ADAS04   **ADAB Adabas V{v} ID table initialization error**

Explanation   ADASIR detected one of the following possible errors:

- IDT GETMAIN failure
- a nonzero return code from ADASVC on the 56 call
- ADASIR did not set the SSCTSUSE
- the operator terminated ADASIR
- ADASIR detected a non-VS1 environment

Action   ADASIR terminates, freeing any resources acquired.

ADAS05	**ADAB Adabas V{v} ID table parameter(s) error**
Explanation	ADASIR found an invalid input parameter. The message may be followed by messages requesting reentry of the input parameters.
Action	Enter the correct parameter or parameters and rerun ADASIR or enter "no" to end ADASIR operation.

ADAS06	**ADAB Enter Adabas V{v} ID table subpool (228 or 241) or "NO" to abort ID table initialization**
Explanation	This message occurs after error ADAS05 and requests that you verify the Adabas Vv ID table subpool where v is the version of Adabas.
Action	Enter either "228" (subpool 228 / fixed CSA), "241" (subpool 241 / pageable CSA) or enter "no" to end ADASIR operation.

ADAS07	**ADAB Enter number of Adabas V{v} ID table entries or "NO" to abort ID table initialization**
Explanation	This message occurs after error ADAS05 and requests that you verify the number of IDT entries.
Action	Enter a value ranging one to four digits representing the IDT entry count or enter "no" to end ADASIR operation.

ADAS08	**ADAB Enter Adabas V{v} SVC number (200-255) or "NO" to abort ID table initialization**
Explanation	This message occurs after error ADAS05 and requests that you verify the SVC number for the version of Adabas specified.
Action	Enter a three-digit SVC value ranging 200-255 or enter "no" to end ADASIR operation.

ADAS09	**ADAB Adabas V{v} SVC {svc} table entry at {svc-addr} invalid is {bad-entry bad-entry} should be {good-entry good-entry}**
Explanation	This and any associated ADAS*nn* messages occur when ADASIR finds an incorrect SVC table entry or when message ADAS14 was answered with "p" (prompt option). The variable values in the message have the following meanings:

v	version of Adabas
svc	SVC number
$svc\text{-}addr$	address of the SVC table entry
$bad\text{-}entry$	current SVC table entry value in error
$good\text{-}entry$	desired SVC table entry value

Action	ADASIR follows this message with message ADAS10 asking if the SVC entry in error should be changed to the desired value.

ADAS10	**ADAB should SVC table entry be changed ('Y') or should Adabas ID table initialization be aborted ('N')**
Explanation	This message occurs after message ADAS09 and requests that you confirm a change of the SVC table entry in error to a desired value proposed by ADASIR.
Action	Enter "Y" (yes) to update the SVC entry. Entering any other value leaves the SVC entry as it was.

ADAS11	**ADAB Adabas V{v} ID table for SVC {svc} initializaed with {cccc} entries IDT:{address} IDTExt:{address} FIIBS:{address} SVC:{address} VRS:{vrs} DATE:{date}**
Explanation	SVC with the number *svc* has been installed and the ID table storage for a count of *cccc* entries was successfully allocated. The addresses of the SVC, major CSA data structures, and the release and assembly date for the SVC are also provided in the message.
Action	No action is required for this informational message.

ADAS12	**ADAB Adabas V{v} ID table initialization error {n}**
Explanation	ADASIR detected error *n*, where *n* is one of the following:

1	The GETMAIN for the ID table was unsuccessful.
2	The Adabas SVC request to initialize the ID table returned a nonzero return code. Probable cause is that the subsystem name in the IEFSSNxx member of SYS1.PARMLIB does not match the contents of ADASVC + x'28'.
3	The Adabas SVC request to initialize the ID table did not set the correct value in the SSCT. Probable cause is an incorrect SVC number.
4	The operator terminated initialization.
5	The operating system is not z/OS.
6	The RMODE of the Adabas SVC is not 24
7	The SVC table entry is unused.
8	Either the RMODE or AMODE is not 24.
9	The system could not find the requested SVC. Check for system message IEA826I.

The table entry for the Adabas SVC does not contain the address of the SVC for the specified version of Adabas. An attempt was made to install a previous version SVC using the ADASIR of the specified version.

10	SVCUPDTE macro failure.

Action   Correct the error condition and re-IPL (if necessary) or rerun ADASIP.

ADAS13   **ADAB leave message ADAS11 or ADAS12 (N or Y)**

Explanation   ADASIR keeps the display of the previous ADAS11 or ADAS12 message on the screen if you specify "Y"; otherwise, the message display is removed and lost.

Action   Enter "Y" to keep the message display; otherwise, the message is removed.

ADAS14   **ADAB prompt operator to update SVC table entry N or P**

Explanation   This message asks whether the operator should be prompted to update the SVC table entry (P) or not (N).

Action   Enter "P" to prompt the operator for the SVC table entry; messages ADAS09 and ADAS10 occur when "P" is entered. Enter "N" (no prompt) to let ADASIR select the SVC value; message ADAS15 occurs when "N" is entered.

ADAS15   **ADAB SVC {svc} table entry changed without prompting operator**

Explanation   SVC *svc* was changed without a prompt being sent to the operator.

ADAS20   **At {address}, {length} bytes {action} {area-description}**

Explanation   When ADASIP refreshes an existing Adabas SVC, the common storage area (CSA) associated with the old SVC load module and its associated IDT-related structures is released. If a PLXCB is found, its components are released as well. This message appears for each attempt to release storage:

address	CSA area address, in hexadecimal
length	CSA area length, in hexadecimal
action	One of the following: CSA RELEASED RELEASE FAILED
area-description	One of the following: REPLACED SVC IDTH / IDT / IIBS CLUSTER SEGMENT PLXCB BASE PLXCUSER SEGMENT SMP SEGMENT IDTEES IDTHE IDT Extension

ADAS21   **Replaced SVC CSA not released, {nn} pending resource managers**

Explanation   ADASIP is being used to reinstall a copy of the ADABAS SVC, replacing an existing instance that was installed in CSA with ADASIP. ADASIP cannot release the CSA storage used by the existing instance because one or more z/OS Resource Manager routines may be pending.

Action   ADASIP installs the new SVC instance and does not release the CSA used by the previous instance.

ADAS30   **nn SVC workareas released**

Explanation   During termination, the server will release work areas that were obtained in the server's address space by the SVC to process user commands. The number of work areas is the high-water mark of the number of simultaneous processes.

Action   Information only, no action required.

ADAS31   **Service ABTERM resource manager { ADDRSPC TERM | TASK TERM }**
                    Service ABTERM resource manager released IDTE

Explanation   A z/OS Resource Manager recovery routine was entered after a server address space abend to release the IDTE.

Action   If the release was successful, it will not be necessary to specify ADARUN FORCE=YES when restarting.

ADAS32   **S64 {scope} affinity resource manager {event}**
                    S64 object at {address}
                    S64 object user token is {token}
                    S64 {scope} affinity released
                    S64 {scope} affinity released {return-code}/{reason-code}

Explanation   A z/OS Resource Manager recovery routine was entered after an abend to release a local or system affinity to a z/OS shared 64-bit addressable memory object. Any non-zero return code received from z/OS IARV64 is shown.

Action   If the attempt fails, examine the IARV64 return and reason code description in IBM documentation. If the cause is not clear, notify your Software AG support.

ADAS33   **APF authorization is required**

Explanation   An attempt was made to use an ADASVC function for which APF authorization is required.

Action   Provide APF authorization for all load libraries in the JOBLIB or STEPLIB concatenation.

17 ADASIP* (Adabas VSE SVC) System Messages

ADASIP00   **Adabas V{av.ar} VSE SIP started**
SIP is running under z/VSE V{vv.vr.vm}
({yyyy-mm-dd}. SM={sm-level} , ZAP={zap-level})
SIP IS LOADING ADABAS SVC LEVEL {sv.sr.sm}
ADASIP IS LOADING ADABAS SVC AMODE={a-mode}

Explanation   The ADASIP program has started. The following substitutions appear in the message:

Substitution	Description
av.ar	version and release of Adabas.
vv.vr.vm	version, release, and modification level of z/VSE
yyyy-mm-dd	date of ADASIP module assembly
sm-level	system maintenance (SM) level of the ADASIP module
zap-level	Zap level of the ADASIP module
sv.sr.sm	version, release, and modification level of the Adabas SVC
a-mode	the AMODE setting of the Adabas SVC

ADASIP01   **SUBSID {macro error}**

Explanation   ADASIP received a nonzero return code from the operating system.

Action: The VSE operating system release level is too low for installing Adabas. Refer to the Adabas Installation documentation for the minimum allowed VSE levels.

ADASIP02	**Unsupported VSE release based upon SUBSID**
Explanation	An ADASIP validation check indicates an unsupported operating system level.
Action:	The VSE operating system release level is too low for installing Adabas. Refer to the Adabas Installation documentation for the minimum allowed VSE levels.

ADASIP03	**No SYSPARM value specified for SVC**
Explanation	ADASIP could not find a SYSPARM input, and a ZAP has not be applied to the specified SVC.
Action:	Either provide the SVC with SYSPARM or apply a ZAP to the specified SVC with ADASIP.

ADASIP04	**Default value used for the SVC**
Explanation	No SYSPARM SVC has been used. ADASIP defaults to using the SVC that has a ZAP applied.

ADASIP05	**Non-numeric data found in SYSPARM field**
Explanation	Either SYSPARM or the default ADASIP SVC contains a nonnumeric value.
Action:	Correct the specified SYSPARM value, or set the default SVC value to 30.

ADASIP06	**Invalid range specified for the SVC 31-256**
Explanation	ADASIP found an SVC outside the allowed range in SYSPARM or the ADASIP default SVC.
Action:	Set the SVC to an unused SVC value within the allowed range. SVC ranges and recommended values are described in the Adabas Installation documentation .

ADASIP08	**ADASVC{vv} was not found in the SVA**
Explanation	While performing a VSE load, ADASIP found that the specified level ADASVC was not in the SVA.
Action:	Issue the SET SDL for ADASVC*vv*. It may be necessary to relink the Adabas SVC with SVA using the PHASE statement if the Adabas SVC is not found in the Adabas library.

ADASIP09	**No match on ID - incorrect ADASVC loaded**
Explanation	ADASIP found an incorrect SVC version while attempting a load operation.
Action:	Relink ADASVC*vv* with the correct SVC module.

ADASIP10   **Unknown keyword in PARM field**

Explanation   ADASIP found an incorrect keyword in the PARM field.

Action: Correct the keyword parameter and rerun the job.

ADASIP11   **Non-numeric data specified for NRIDTES**

Explanation   The ADASIP NRIDTES= keyword parameter specified non-numeric data.

Action: Correct the NRIDTES= data, then resubmit ADASIP.

ADASIP12   **No overriding NRIDTES specified**

Explanation   The default NRIDTES was used. No error has occurred.

ADASIP13   **SVC table entry was found to be invalid**

Explanation   The SVC number provided by SYSPARM is either not valid, or does not represent
                      either the old or new version of the VSE Adabas SVC. This error can occur if the UPSI
                      statement's "C" parameter specified "0".

Action: Respecify the UPSI statement, or specify another unused SVC value. Rerun ADASIP.

ADASIP14   **GETVIS failure for IDT in SVA**

Explanation   The GETVIS of the IDT passed a nonzero return code back to ADASIP, meaning the
                      GETVIS size was insufficient.

Action: Increase the SVA GETVIS size, re-IPL the operating system, and rerun ADASIP.

ADASIP15   **Router unable to initialize IDT**

Explanation   ADASIP received a nonzero return code from the 56 call to the SVC.

Action: Contact your Software AG technical support representative.

ADASIP16   **WARNING -- IDT table already exists**

Explanation   ADASIP detected that an IDT table for this SVC already exists.

Action: No action is required for this warning message.

ADASIP17   **Incorrect SVC suffix after comma in SYSPARM**

Explanation   An attempt was made to run this program more than once for the current IPL. A
                      second IDT for the program is not required.

Action: Correct the SYSPARM specification for the two-byte SVC suffix, and rerun the job.

ADASIP18	Non-numeric data specified for DMPDBID
Explanation	The ADASIP DMPDBID keyword parameter contains nonnumeric data.
Action:	Correct the DMPDBID specification, and rerun the job.

ADASIP19	DBID cannot be found in IDTE
Explanation	The ADASIP program could not find an entry for the DMPDBID database in the IDT area.
Action:	Either correct the DMPDBID specification or start the specified database, then run ADASIP to perform a "snap" dump of the command queue.

ADASIP20	The IDT and SVC have been dumped to SYSLST
Explanation	A request to ADASIP to dump the IDT and then SVC via UPSI 80. No error has occurred.

ADASIP21	No IDT table was found for specified SVC
Explanation	ADASIP found that the SVC has no address for the IDT.
Action:	Specify the correct SVC, or initialize with ADASIP first.

ADASIP22	The SVC has already been installed
Explanation	ADASIP found that the same program is being run again.
Action:	The SVC is not installed and no IDT table is needed. To reinstall the same SVC, you must first perform a SET SDL.

ADASIP23	The SVC table cannot be listed under DOS/MVT
Explanation	The option to display the SVC table is specified under VSE.

ADASIP24	The IDT has been pagefixed by user option
Explanation	UPSI (X'20') was selected to pagefix the IDT in the system GETVIS area.

ADASIP26	Could not load the ADAOPD table
Explanation	ADASIP was unable to load phase ADAOPD.
Action:	Ensure that ADAOPD is available for loading and rerun the job.

ADASIP27   **ADASVC{xx} must be AMODE=31, RMODE=24**

Explanation   ADASIP detected that the Adabas SVC has invalid link-edit attributes.

Action: Relink the Adabas SVC with the correct attributes and rerun the job.

ADASIP28   **ADASIP is AMODE=31**

Explanation   ADASIP detected that it is AMODE=31.

Action: Relink ADASIP AMODE=24.

ADASIP29   **PRODID macro failure**

Explanation   ADASIP received a nonzero response code from the PRODID DEFINE macro.

Action: Investigate the cause of the error. Correct it and rerun the job.

ADASIP30   **ADASVC{vv} {svc} installed (Date {yyyymmdd})**

Explanation   ADASIP has installed SVC number *svc* successfully.

ADASIP31   **{address}=SVC address**

Explanation   The SVC has been loaded at the indicated address.

ADASIP32   **{address}=IDT address**

Explanation   The ID table has been allocated at the indicated address.

ADASIP33   **Invalid value specified for REPLACE parameter**

Explanation   An invalid value was specified on the REPLACE parameter.

Action: Specify YES, Y, NO or N for the REPLACE parameter and rerun the job.

ADASIP36   **{address}=extended IIBS address**

Explanation   The extended IIBs have been loaded at the indicated address.

ADASIP37   **{address}=IDT Extension address**

Explanation   The IDT extension has been allocated at the indicated address.

Action: No action is required for this informational message.

ADASIP38	{address}=SVC Work Area address
Explanation	The SVC work area has been allocated at the indicated address.
Action:	No action is required for this informational message.

ADASIP39	Error -- Targets still active on SVC{nnn}
Explanation	ADASIP detected that there are still active targets on the SVC listed in the message (*nnn*) and is unable to continue processing.
Action:	No action is required for this informational message.

ADASIP40	VSE SVC {svc} is {status} AM={a-mode} RM={r-mode} AR={reg-mode} SVCT={svc-tab-addr} MODT={svc-mod-addr}
Explanation	This message occurs when the option to list the SVC table is selected, and specifies the following values:

svc	the VSE SVC number
status	"USED" or "UNUSED"
a-mode	AMODE of this SVC, if used (24 or ANY)
r-mode	RMODE of this SVC, if used (24 or ANY)
reg-mode	access register mode of this SVC, if used (Y=yes, N=no)
svc-tab-addr	address of the SVC table entry for this SVC
svc-mod-addr	address of the SVC mode table entry for this SVC, if present

Action:	None required. This message is for your information only. Do not use SVC50, even though it is indicated as "unused".

ADASIP41	VSE SVC table audit completed
Explanation	ADASIP has completed listing the VSE SVC table.

ADASIP50	The command queue has been dumped to SYSLST
Explanation	ADASIP has completed listing the command queue for the specified database.

ADASIP60	Only 1 CPU can be active during ADASIP
Action	Use "SYSDEF TD,STOP=ALL" to stop all but one CPU so that ADASIP can run. Then restart your CPUs again.

ADASIP61	Rerun ADASIP after using TDSERV to stop CPUs
Explanation	Occurs in conjunction with ADASIP60.

ADASIP62	GETVIS failed for ADASTUB module
Explanation	Not enough SVA storage to load ADASTUB.
Action	Consult with your system programmer.

ADASIP63	ADASTUB module loaded at {address}
Explanation	Information message indicating module load address.

ADASIP64	No match on ID - incorrect ADASTUB loaded
Explanation	ADASTUB phase is incorrect.
Action	Consult with your system programmer, or contact Software AG.

ADASIP65	ADASTUB SVC table not found
Explanation	ADASTUB phase is incorrect.
Action	Consult with your system programmer, or contact Software AG.

ADASIP66	ADASTUB SVC table is full
Explanation	You have more than 10 SVCs active on this VSE machine.
Action	Contact Software AG for information about increasing the table size.

ADASIP67	PAGEFIX for ADASIP failed
Action	Increase the SETPFIX value and rerun.

ADASIP68	PAGEFREE for ADASIP failed
Action	Consult with your system programmer.

ADASIP69	**TURBO dispatcher stub active**
Explanation	Adabas Turbo support is now active on this VSE machine.

ADASIP70	**VSE supervisor hook install failed**
Explanation	Either this version of the VSE 2 supervisor is not supported, or the vendor installation logic for the first-level interrupt handler is incorrect.
Action	Call Software AG; have message ADASIP72 available.

ADASIP71	**Load of module ADASTUB failed**
Explanation	The ADASTUB module was not found in the LIBDEF SEARCH chain.

ADASIP72	**Code is : {code}**
Explanation	Occurs after message ADASIP70.

ADASIP73	**ADANCHOR incorrect or not found in SVA**
Explanation	The ADANCHOR module was not found in the SVA; no SET SDL has been done.

ADASIP74	**Info: Stub activated by previous ADASIP**
Explanation	Adabas Turbo STUB has been installed by a previous ADASIP.

ADASIP75	**ADANCHOR and ADASTUB not dumped - not active**
Explanation	When attempting to dump Adabas control blocks with ADASIP, the modules were not dumped because Adabas Turbo support is not active.

ADASIP76	**Adabas turbo stub not activated due to error**
Explanation	An error occurred during the installation of the Adabas Turbo stub.

ADASIP77	**This Adabas SVC will run in non-turbo mode**
Explanation	An error occurred during the installation of the Adabas Turbo stub. This SVC will run in non-Turbo mode from now on.

ADASIP78   **VSE turbo dispatcher {nn}**

Explanation   Version of VSE Turbo Dispatcher.

ADASIP79   **Should we stop the CPUs? (yes/no)**

Explanation   This message appears following ADASIP60 if more than one CPU is active during
                      ADASIP processing.

Action   Replying "no" terminates the job. Replying "yes" causes CPUs to be temporarily
                      deactivated while ADASIP runs. ADASIP will reactivate any deactivated CPUs before
                      terminating.

ADASIP80   **SVC{nnn} Target ID {id} is active in partition {pp}**

Explanation   ADASIP does not allow an SVC to be reinstalled if there are active targets using the
                      SVC, unless parameter REPLACE=YES is specified. If ADASIP parameter
                      REPLACE=YES was specified, ADASIP replaces the current SVC regardless of any
                      active targets.

                      An attempt to reinstall an SVC by rerunning ADASIP when there are active targets
                      using the SVC results in warning messages ADASIP80 and ADASIP81 being issued.
                      If the reply to ADASIP81 is "no", ADASIP terminates processing. If the reply to ADASIP
                      is "yes", ADASIP will check again for active targets. If active targets are found,
                      messages. ADASIP80 and ADASIP81 will appear again. To proceed with ADASIP
                      processing, active targets must be terminated before replying "yes" to message
                      ADASIP81.

                      Note: ADASIP will only flag a target as active if the job which activated the target is
                      still running.

Action   No action is required for this warning message.

ADASIP81   **Should we continue processing? (yes/no)**

Explanation   An attempt was made to reinstall an SVC while there are active targets using the SVC.
                      Unless the ADASIP parameter REPLACE=YES is specified, ADASIP does not allow
                      an SVC to be reinstalled if there are active targets using the SVC. This prompt allows
                      you to continue or stop processing.

Action   Enter "yes" to continue or "no" to terminate processing.

ADASIP85   **SVA-24 storage allocated: {nnnnn}K**
                      SVA-31 storage allocated: {nnnnn}K

Explanation   ADASIP has allocated *nnnnn*K of SVA storage below (SVA-24) or above (SVA-31) the
                      16 MB line.

Action   No action is required for this informational message.

ADASIP86	**Reuse previous ADASTUB loaded at {address}? (yes/no)**
	SVA-31 storage allocated: {nnnnn}K
Explanation	ADASIP detected that ADASTUB has already been loaded.

A SET SDL for ADANCHOR should only be issued once per IPL. However, if ADASIP is rerun, and a SET SDL for ADANCHOR is issued a second time in error, it should be possible to preserve the existing Adabas communications environment by answering "yes" to message ADASIP86.

Action	Reply "yes" to reuse the ADASTUB or "no" to load a new copy of ADASTUB. The recommended reply is "yes". Do not reply "no" to this message unless directed to do so by your Software AG technical support representative.

ADASIP87	**SYSLST unavailable**
Explanation	ADASIP is not able to print messages on SYSLST, as this is unavailable. Console messages only will be issued. ADASIP continues processing.,
Action	No action is required for this informational message.

ADASIP88	**Invalid parameter combination**
Explanation	ADASIP detected an invalid combination of PARM parameters or UPSI bytes.
Action	Correct the parameters or UPSI bytes and rerun the job.

18 ADAU* Utility Status Messages

These general status messages describe current utility operating status. Often, they are the response to a DSTAT operator command.

> **Note:** Each of the messages in this section starts with the relevant database ID.

ADAU01	**{version} {job-name} {name} RC {ret-code}**
Explanation	VSE systems only: ADAUSER cannot perform CDLOAD or LOAD ADARUN. ADAUSER provides the following information:

version	the Adabas version
job-name	the VSE job name
name	LOAD for SVC4, or CDLO for SVC65
ret-code	LOAD return code from the CDLOAD or LOAD supervisor call (SVC)

ADAUSER provides a dump using JDUMP, and then terminates with the information that is required to resolve the load problem.

ADAU02	**{version} {job-name} {pgm} incorrect RMODE**
Explanation	ADAUSER detected an RMODE error. ADAUSER provides the following information:

version	the Adabas version
job-name	the name of the VSE job
pgm	the name of the program with the incorrect RMODE

Action: Relink the program with RMODE=24.

ADAU08	**Operator type-in : {command}**
Explanation	This message confirms entry of the operator command *command*.

ADAU09	**Invalid request -- only DSTAT allowed**
Explanation	This message is a reply to a utilities operator command other than DSTAT, which is the only valid operator command at this time.
Action:	Enter the operator command DSTAT.

ADAU10	**{count} blocks of {total} saved**
Explanation	This message is the response to the ADASAV operator command DSTAT. The *count* value is the number of blocks already processed, and *total* is the total number of blocks to be saved.

ADAU11	**{count} blocks out of {total} restored**
Explanation	This message is the response to the ADASAV operator command DSTAT. The *count* value is the number of blocks already restored, and *total* is the total number of blocks to be restored.

ADAU12	**Restoring protection log tape**
Explanation	This message, a response to the ADASAV utility's operator command DSTAT, indicates that the second pass of the RESTONL function has begun. The file or database has been restored, and ADASAV is now processing the protection log.

ADAU13	**VOLSER for {dd-name} = {volser}**
Explanation	This message is displayed by ADASAV when reading from or writing to a new tape.

ADAU14	**ADASAV - run with save tape {session-id}**
Explanation	This message shows the session number assigned to the save tape created by the save operation.

ADAU15	**File {file} {added to │ removed from} filelist ({reason})**
Explanation	The specified file was added or removed from the file list for the specified reason.

- Reasons for adding files: coupled or expanded file
- Reasons for removing files:
  - file not loaded
  - inconsistent expanded or coupled file
  - file in inconsistent state

■ not flagged "modified"

If the file is added to the file list, it is saved; if the file is removed from the file list, it is not saved at all.

Action: None required. This is an informational message only. To restore a file that was removed from the file list, the appropriate previous SAVE data set must be used.

ADAU16   **No file has been modified since last save; no output dataset was created**

Explanation   The output data set is not created because there is no change.

Action: The previous SAVE tapes should be used to restore the file. To restore a removed file, the appropriate save data set must be used.

ADAU17   **Merging DELTA SAVE tapes**

Explanation   This message is the response to the ADASAV operator command DSTAT. ADASAV is currently creating a delta save data set by merging.

ADAU18   **{count} blocks out of {total} merged**

Explanation   This message is a response to the ADASAV operator command DSTAT. ADASAV is currently creating a full save data set by merging. *count* blocks have already been written; *total* blocks are to be written.

ADAU19   **During restore delta phase**

Explanation   This message is a response to the ADASAV operator command DSTAT. ADASAV is currently in the second phase of a delta restore operation. The full save data set has already been restored.

ADAU20   **ADADBS OPERCOM {command}**

Explanation   The ADADBS OPERCOM utility issued the specified operator command.

Action: None required. This informational message informs you of any changes in file access, etc., that may result from ADADBS OPERCOM operation.

ADAU21   **Sorting/loading descriptor {descriptor}**

Explanation   This message is a response to ADALOD operator command DSTAT, and indicates that ADALOD is sorting and loading the inverted list for the specified descriptor.

ADAU22	**Loading data storage. RECNO={count}**
Explanation	This message is a response to the ADALOD operator command DSTAT, and advises that ADALOD is now loading records into data storage. Thus far, the specified number of records have been loaded.

ADAU23	**Sorting ADAM records. RECNO={count}**
Explanation	This message is a response to the ADALOD operator command DSTAT, and advises that ADALOD is now presorting data storage (DS) records by their ADAM keys. Thus far, the specified number of records have been sorted.

ADAU24	**Computing index space for {descriptor}**
Explanation	This message is a response to the ADALOD operator command DSTAT, and indicates that ADALOD is now computing index space requirements for the specified descriptor.

ADAU25	**UNLOADING DATASTORAGE, FILE=file-number, RECNO=record-count**
Explanation	This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now unloading the Data Storage for the specified file to DD/FILEA. Thus far, the number of records specified by "record-count" have been unloaded.

ADAU26	**Unloading index, file={file-number}**
Explanation	This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now unloading the inverted list for the specified file to DD/FILEA for the file "file-number".

ADAU27	**Unloading DSST, file = {file-number}**
Explanation	This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now unloading the Data Storage space table (DSST) for the specified file to DD/FILEA.

ADAU28	**Unloading AC, file={file-number}**
Explanation	This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now unloading the address converter (AC) for the specified file to DD/FILEA.

ADAU29   **Loading datastorage, file={file-number}, RECNO={record-count}**

Explanation   This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now loading the Data Storage for the specified file from DD/FILEA. Thus far, the number of records specified by "record-count" have been loaded.

ADAU30   **Loading index, file={file-number}**

Explanation   This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now loading the inverted list for the specified file from DD/FILEA.

ADAU31   **Loading DSST, file = {file-number}**

Explanation   This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now loading the Data Storage space table (DSST) for the specified file from DD/FILEA.

ADAU32   **Loading AC, file={file-number}**

Explanation   This message is a response to the ADAORD operator command DSTAT, and indicates that ADAORD is now loading the address converter (AC) from DD/FILEA.

ADAU33   **Client option in effect for file {file-number}**

Explanation   The ADAULD utility displays this message to indicate that the file being loaded has the CLIENT option in effect.

ADAU35   **USERISN-option in effect for file {file-number}**

Explanation   The ADAULD utility displays this message to indicate that the file being loaded has the USERISN option in effect.

ADAU36   **Missing second output dataset**

Explanation   User exit 9 returned an indication to write a record to DDOUT2, which is not defined. All records are written to DDOUT1.

Action: If the records are to be unloaded onto two output data sets under control of user exit 9, specify DDOUT2 and rerun the job.

ADAU37   **Blocks {block-a} - {block-n} could not be formatted**

Explanation   The number of blocks to be formatted must be at least the number of blocks per track.

If the number of blocks to be formatted is more than the number of blocks per track, then "block-n" must be the last block of the track.

Block "block-n" is not the last block of a track, or the ADAFRM SIZE parameter is less than the number of blocks per track. The partial track was not formatted.

Action:	To format the remaining blocks, specify a block range that spans a complete track.

ADAU38	**File not linked into file chain**
Explanation	The file has been loaded, but for some reason could not be linked into the expanded file chain. The cause could be one of the following:

■ another file in the chain is locked

■ the chain was modified during the load operation

Action:	Link the file into the expanded file chain using Adabas Online System (AOS).

ADAU39	**No checkpoint written**
Explanation	The nucleus is in read-only state. A checkpoint cannot be written.

ADAU40	**Point of no return reached**
Explanation	The ADAORD utility has begun its second pass. Any abend after this point requires that the file or database be restored before being used.

ADAU41	**ADAORD invoked from job {job-name}**
Explanation	ADAORD was started by the specified job. This message follows message ADAU40.

ADAU42	**ADAVAL file={file-number}, descriptor={descriptor}**
Explanation	This message occurs in response to the ADAVAL DSTAT operator command, and indicates that ADAVAL is now validating descriptor "descriptor" in file "file-number".

ADAU43	**More records on ADALOD input than requested by NUMREC**
Explanation	The ADALOD NUMREC parameter restricts the number of records to be loaded. In this case, the input data set contains more records than requested.
Action:	No action is required. Processing continues normally, but returns a response code of 4 to the operating system.

ADAU44	**More records on ADALOD input than ISNs available**
Explanation	All ISNs available in the address converter (AC) are already assigned to records in the input file, and new ISNs cannot be allocated because NOACEXTENSION is active.
Action:	Processing continues normally, but returns a response code of 4 to the operating system. If the file is part of an expanded file, you can load the remaining records into another part of the expanded file.

ADAU45	**Abend during chain processing**
Explanation	Warning: An abnormal termination (abend) occurred while ADALOD was updating the expanded file's chain information. The information could be inconsistent, and any further processing of the file will create incorrect results.
Action:	Perform ADAREP to create an expanded file report, and check the expanded file linkage. Any errors must be corrected before processing can continue.

ADAU46	**Abend during file processing**
Explanation	An error occurred while ADALOD was processing the file. The file is now in load status, but cannot be accessed.
Action:	Correct the cause of the error, and then either

- restart the ADALOD job;
- delete the file and rerun the ADALOD job; or
- restore the SAVE file copy and rerun the ADALOD job.

ADAU47	**Abend during finishing processing**
Explanation	The file processing has completed, but a problem occurred while writing either

- recovery log information; or
- the checkpoint.

Action:	If necessary, ensure that you can redo the ADALOD job when a RESTORE/REGENERATE is done.

ADAU48	**Loading records with USERISN-option suppressed**
Explanation	The USERISN option was in effect when the file was created by ADACMP or ADAULD. The USERISN option has been suppressed by specifying USERISN=NO. All ISNs are assigned by ADALOD.

ADAU49	**Loading records with USERISN-option in effect**
Explanation	The file is loaded with the USERISN option in effect. All ISNs are taken from the input file.

ADAU50

{function} input volume = {volume}, PLOGNUM = {session-number}
FROMBLK = {block-number-a}, FROMTIME = {date} {time}
TOBLK = {block-number-b}, TOTIME = {date} {time}

Explanation

This message is a response to the ADARES operator command, DSTAT:

function	either REGENERATE or BACKOUT
volume	the current input volume
session-number	the protection log number now being processed
block-number-a *block-number-b*	define the range of blocks (from a to b) over which the input volume has been processed
date	the dates derived from the timestamps of the corresponding blocks
time	the times derived from the timestamps of the corresponding blocks

ADAU51

Repair {count} blocks / {record-count} records processed

Explanation

This message is a response to the ADARES operator command, DSTAT. When the message is displayed, the REPAIR function has processed "count" blocks and "record-count" records from the protection log input data set.

ADAU53

{function} copy {count} blocks copied from {log-dataset} to DDSIAUS1/2 current block = {block-number} , time = {date} / {time}

Explanation

This message is a response to the ADARES operator command, DSTAT. *function* is either PLCOPY or CLCOPY. *count* blocks have been copied from DDPLOGR1/2 or DDCLOGR1/2 to the output data set.

ADAU54

Copy {count} blocks copied from DDSIIN to DDSIAUS1/2

Explanation

This message is a response to the DSTAT operator command during ADARES operation. *count* is the number of blocks copied by the COPY function.

ADAU55

Loading records with client option in effect

Explanation

The file to be loaded will be defined as a multiclient file.

ADAU56

Loading records with client option suppressed

Explanation

The file to be loaded is a multiclient file but will be defined as normal; that is, as a non-multiclient file.

ADAU57

LWP high-water mark: {xxxx} out of {yyyyy} bytes ({zz}%)

Explanation

This message reports on the percentage of the LWP work pool used. You may want to use this information to tune the LWP parameter for your installation.

ADAU60

{utility} password exists and has been overwritten

Explanation

The specified password for the ADASCR INSERT function already exists. The related information (file numbers, access and update levels) has been overwritten.

ADAU61

Parameter test successful

Explanation

The utility parameter test, as requested by specifying the TEST parameter, was completed successfully.

ADAU62

Unable to write checkpoints -
The nucleus is not active or cannot be reached, and the Associator JCL has not been specified

Explanation

No checkpoint could be written for a MERGE function because either the Adabas nucleus was not available or the Associator job control was not specified.

None. The MERGE function continues.

Action:

If a checkpoint is required, start the nucleus or provide the Associator job control for the MERGE function.

ADAU63

Starting point for ADARES REGENERATE: FROMPLOG >= {log-number} (next nucleus session)

Explanation

This message is displayed on the ADASAV job protocol at the end of an ADASAV RESTORE execution. It indicates the protection log that should be used as input to a subsequent ADARES REGENERATE job.

"log-number" is the protection log number. If that session happens to be a database save operation, the session number of the next nucleus session following the save operation must be used.

Action:

If the ADASAV RESTORE execution is to be followed by an ADARES REGENERATE operation, use the protection log with the indicated nucleus session number as input for the REGENERATE function.

ADAU64	**Starting point for ADARES REGENERATE:** **FROMPLOG >= {log-n}, FROMCP= {chk-pnt}, FROMBLK= {blk-num}** **[,NUCID={nucid}]**
Explanation	This message is displayed on the ADASAV job protocol at the end of an ADASAV RESTORE execution. It points out the protection log (log-n) that should be input to a possible subsequent ADARES REGENERATE job, and to the checkpoint (chk-pnt) where the REGENERATE function should begin. "blk-num" is the (pre-merge) protection log block number of the checkpoint. "nucid" identifies the particular cluster nucleus where the checkpoint originally (that is, before a PLOG merge) resided.
Action:	If the ADASAV RESTORE execution is to be followed by an ADARES REGENERATE operation, use the protection log with the indicated nucleus session number as input for the REGENERATE function, and specify the "chk-pnt" checkpoint and "blk-num" as parameters.

ADAU65	**Loading records from version {v} unload tape**
Explanation	Adabas version "v" created the unload data set specified as input.

ADAU66	**Restoring file(s) from version {v} save tape**
Explanation	The save data set specified as input was created by Adabas version "v".

ADAU67	**Unloading file={file-number}, RECNO={rec-count}**
Explanation	In response to ADAULD operator command DSTAT, ADAULD is currently unloading file "file-number". At this point in time, "rec-count" records have been unloaded.

ADAU68	**Index of file {file-number} is {compressed	uncompressed}**
Explanation	The utility is processing a file with a compressed or uncompressed index, as indicated.

ADAU69	**DDWORK{nn} not reset. DBID is {dbid1} expected DBID is {dbid2}**
Explanation	A nonempty Work data set was assigned to an ADASAV RESTOREDB job that belongs to another database. The Work data set is not reset.

ADAU70	**Waiting for PLOG/CLOG switch**
Explanation	The ADADBS utility issued either an FEOFPL or an FEOFCL. If there is no free PLOG or CLOG, the nucleus may potentially wait for a free PLOG/CLOG.
Action	No action is required for this informational message.

ADAU71   **Locking RLOG dataset for nucleus got RSP={rc}, SUBC={sc}**

Explanation   The utility's request to lock the RLOG data set for the Adabas nucleus failed. The
                    nucleus could experience a short hard wait if it attempts to access the RLOG data set
                    at the same time as the utility.

ADAU72   **Unlocking RLOG dataset for nucleus got RSP={rc}, SUBC={sc}**

Explanation   The utility's request to unlock the RLOG data set for the Adabas nucleus failed. An
                    ADADBS or Adabas Online System function could experience a medium wait if it
                    needs to be recorded in the RLOG data set.

ADAU73   **Recovery Aid deactivated- re-prepare the recovery log datasets. Processing continues.**

Explanation   For restoring the database, initialization of RLOG data set access failed (utility error
                    058). ADASAV deactivates the Recovery Aid and continues the restore. ADASAV
                    will terminate with return code 4.

Action: Reactivate the Recovery Aid by executing the ADARAI PREPARE function again.

ADAU74   **This function execution will not be logged in the recovery log. Processing continues.**

Explanation   For a utility function that does not change the database or files, initialization of RLOG
                    data set access failed (utility error 058). The utility continues without recording its
                    run in the recovery log and terminates with return code 4.

Action: Determine why the utility error 058 occurred. Correct the error.

ADAU75   **PLOGR {n} for NUCID= {nucid} is not empty, DSNAME= {plog-name}**

Explanation   While converting from a version of Adabas that uses the parallel participant table
                    (PPT) structure to a higher version of Adabas, the system determined that the specified
                    protection log (PLOG) for the specified earlier version nucleus (NUCID=0 for a
                    noncluster nucleus) remained uncopied/unmerged. The conversion fails.

Action   You can bypass this check if necessary by using the ADACNV CONVERT IGNPPT
                    parameter.

ADAU7A   **ECS error {error-number} in function {ecs-function}**

Explanation   ECS is the Entire Conversion Services, a subsystem of the Adabas universal encoding
                    support (UES) system. This message is written after a function of the subsystem has
                    failed. The following ECS functions may return errors:

ECS LOAD	An error loading ECS. Check that the ECS load module is in the Adabas load library.
COX LOAD	An error loading ADACOX. ADACOX is loaded if the database is UES-enabled. ADACOX is the Adabas conversion exit for special conversions.
APS INIT	An error occurred during Software AG internal product software (APS - POSIX Services) initialization. Verify that the APS library is in the load library concatenation and/or that the APS parameters are specified in SYSPARM.
SLIBLOAD	An error loading SAGECS, SAGOVO, or SAGSMP2. Check that these modules from the Software AG base technology library can be found in the load library concatenation.
DDECSOJ	An error occurred during initialization while reading ECS standard conversion objects. Check that the nonexecutable binary ECS conversion object library is specified in the DDECSOJ DD statement of the JCL.
GETHANDLE nnnn	An error occurred reading the ECS encoding descriptor object EDDnnnn. Check that the nonexecutable binary ECS conversion object library is specified in the DDECSOJ DD statement of the JCL. Check that EDDnnnn is contained in thelibrary. If it is not, then either an invalid number was specified or the object is missing and must be added.
GETHANDLE mmmm/nnnn	See the GETHANDLE nnnn explanation. In this case, an ECS plane table object (PTO) is missing Txxx2yyy where "xxx" or "yyy" are the hexadecimal value of the decimal "mmmm" or "nnnn", respectively. For some conversion combinations, it may be necessary to request additional PTOs from your Software AG support representative.

Action: Resolve the problem and try again.

ADAU7C   **Entire Conversion Services {v.r.s} initialized**

Explanation   The specified version / revision / system-maintenance level of Entire Conversion Services has been initialized.

ADAU7D   **Collation exit {exit-number} initialized**

Explanation   The specified collation exit supporting a collation descriptor field has been initialized.

ADAU84   {message-text}

Explanation   This message is issued during utility processing. The actual message text varies, depending on the utility, as described in the following table.

Message Text	Utility	Description
Checking Adabas system file with NOOPEN in effect	ADAACK or ADAICK	NOOPEN was not specified in Adabas utilities. Consequently, ADAACK or ADAICK will issue OP commands to check the files. The OP commands may cause problems for the checkpoint file or the security file, so no OP command is issued for these files and this message appears.
Retained field definition table cleared for not loaded file *number*	ADACNV	While converting a database to Version 8, ADACNV encountered one or more FDTs stored in the FDT blocks for files that are not loaded in the database. These FDTs have been removed.

NOOPEN was not specified in Adabas utilities. Consequently, ADAACK or ADAICK will issue OP commands to check the files. The OP commands may cause problems for the checkpoint file or the security file, so no OP command is issued for these files and this message appears.

Action: No action is required for this informational message.

ADAU86   **Possible LOB inconsistency encountered processing file {fnr}**
Out-of-sync flag is set
base file={base-fnr}, LOB file={lob-fnr}

Explanation   While processing the file (*fnr*) listed in the message, which is part of a LOB file group, the utility detected that one file in the group is out-of-sync with the other file. The base file number (*base-fnr*) and the LOB file number (*lob-fnr*) are also given in the message. The utility detects this condition and ends with return code 4 or 8.

This problem can occur if, through a logically incorrect sequence of utility operations, either or both files were exported from and reimported into the database, but not put back to the same point in time. In other words, one file would contain the results of a LB field update that the other, associated, file does not contain.

Action   Investigate the sequence of utility operations on the files involved and determine why they are not in sync. Take actions to bring them back in sync. Then, if necessary, run the following function to mark the two files as being in sync.

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

ADAU87	**Possible LOB inconsistency encountered processing file {fnr}** **Unable-to-track flag is set** **base file={base-fnr}, LOB file={lob-fnr}**
Explanation	While processing the file (*fnr*) listed in the message, which is part of a LOB file group, the utility detected that utility operations had been performed on the file group that left Adabas unable to track the LOB-update-status of the files. The base file number (*base-fnr*) and LOB file number (*lob-fnr*) are also given in the message. The utility that detects this condition ends with return code 4.
	The LOB-update-status values of the files in a LOB file group reflect the LOB values in a base or LOB file when the file is exported from or imported to the database. Most utility operations either preserve the LOB-update-status of a file or change it to a defined new value, but some do not. In this case, the unable-to-track flag is set to signal that Adabas has become unable to guarantee that utility operations have kept the LOB file group in sync.
Action	If you know that no (logically incorrect) utility operations were performed that put the files in a LOB file group out of sync, you can use the following function to mark the two files as being in sync.

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

ADAU88	**Possible LOB inconsistency encountered processing file** **LOB-update-status mismatch** **base file={base-fnr}, update-status={stat-val1}** **LOB file={lob-fnr}, update-status={stat-val2}**
Explanation	While processing the file (*fnr*) listed in the message, which is part of a LOB file group, the utility detected that the base file and LOB file are out-of-sync. The base file number (*base-fnr*) and LOB file number (*lob-fnr*) and their respective LOB-update-status values (*stat-val1* and *stat-val2*) are also given in the message. The utility ends with return code 4 or 8.
	The LOB-update-status values of the files in a LOB file group reflect the LOB values in a base or LOB file when the file is exported from or imported to the database. As LOB operations are performed on the LOB file group, the LOB-update-status value changes for both files at the same time, resulting in a status value that is different if either or both files are exported or imported again.
	A mismatch condition can occur if a logically incorrect sequence of utility operations caused the files to contain the results of different LOB updates.
Action	Investigate the sequence of utility operations on the files involved and determine why they are not in sync. Take actions to bring them back in sync. Then, if necessary, run the following function to make the two files as being in sync.

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

ADAU89   **Unable to establish or validate the basefile-LOB file linkage because one of the files was locked or not loaded**

Explanation   ADALOD could not establish the complete linkage between the base file and the LOB file because the file specified in the BASEFILE or LOBFILE parameter was either locked or not loaded.

ADALOD sets part of the file linkage only in the file just loaded and ends with return code 4.

Action   If the other file does not exist, specify the correct BASEFILE or LOBFILE parameter when loading that file. This will establish the complete base-file-LOB file linkage.

If the other file is locked, wait until the utility function that locked the files has ended. Then, check whether the base file-LOB file linkage is in place (for example, using ADAREP). If necessary, you can use the following function to reestablish the base file-LOB file linkage:

```
ADADBS MODFCB FILE=base-fnr,LOBFILE=lob-fnr
```

ADAU92   **{utility} still initializing**

Explanation   This message is a response to the utility DSTAT operator command, if the corresponding utility is still in its initialization phase.

19 ADAX* - Adabas Cluster Nucleus Messages

Ranges of ADAX*nn* messages are reserved as follows:

Range	Reserved for messages ...
ADAX01-09	related to cluster nucleus status.
ADAX11-16	from the independent-level Adabas cluster messaging service API routines in ADANCX.
ADAX20-29	from the dependent-level z/OS sysplex XCF message transport service.
ADAX2A-2I	from the Adabas Parallel Services messaging module ADASMM.
ADAX31-33	related to nucleus recovery.
ADAX40-5C	related to cache services.
ADAX60-73	related to lock services.
ADAX74-9L	related to other aspects of cluster nucleus processing.

The following message groups are described:

ADAX01	**{dbid} NUCID {nucid} on system {system} {status}**
Explanation	A nucleus entered or left the Adabas cluster.
	Adabas nucleus cluster members that were identified as active at initialization are indicated with status 'is present'. Post-initialization changes to Adabas cluster membership are indicated with status 'has joined'; 'has withdrawn'; or 'has failed'.
Action	No action is required for this informational message.

ADAX02	**{dbid} System {sysn} status monitor update missing**
Explanation	XCF reported that the named system (*sysn*) is not responding. This affects all XCF users on that system, not just Adabas. Until communications are restored, all nuclei on that system may not be able to respond to critical intracluster synchronization messages before the message times out.
Action	Attempt to restore XCF communications with the named system.

ADAX03	**{dbid} System {sysn} status monitor update resumed**
Explanation	After missing one or more status monitoring intervals, the named system (*sysn*) is now responding to XCF communications.
Action	No action is required for this informational message.

ADAX04   **{dbid} NUCID {nucid} on system {sysn} status monitor update missing**

Explanation   XCF reported that the identified nucleus (*nucid*) on the identified system (*sysn*) is not updating its heartbeat monitor. It is likely that the nucleus is not able to process commands, including critical intracluster synchronization messages.

Action   Determine why the nucleus is not able to update its heartbeat monitor. The nucleus may be hung or looping, or there may be other processes in the system preventing the nucleus from getting sufficient CPU allocations.

ADAX05   **{dbid} NUCID {nucid} on system {sysn} status monitor update resumed**

Explanation   The identified nucleus (*nucid*) on the identified system (*sysn*) has resumed updating its heartbeat monitor.

Action   No action is required for this informational message.

ADAX09   **{dbid} Post NUC {nucid} failed - RET {return-code} RSN {reason-code}**

Explanation   This message may appear when another nucleus terminates.

Action   No action is necessary if the other nucleus is terminating abnormally. If the message occurs in an otherwise normal nucleus session, contact your Software AG technical support representative.

ADAX11   **{dbid} Adabas cluster messaging initialization failed**

Explanation   An error described in preceding messages prevented successful initialization of Adabas cluster messaging services. Nucleus initialization fails with PARM-ERROR 092.

Action   Correct the problem identified in the preceding messages.

ADAX12   **{dbid} Unable to obtain {AXMVT | ADAMCB} storage**

Explanation   A request to obtain storage from the work pool for Adabas cluster messaging service control structures failed. Nucleus initialization fails with PARM-ERROR 092.

Action   Increase the amount of virtual storage available. Alternatively, adjust ADARUN parameters to allow for a larger work pool or decrease ADARUN parameters NT and NU to require fewer AXMCBs.

ADAX13   **{dbid} Error {subcode} replying to {nucid} message {msgnum}**

Explanation   An error occurred while replying to an internucleus V2 command originating from the nucleus whose nucleus ID is given in the message (*nucid*). The reply could not be sent. The error code given in the message (*subcode*) is one of the possible subcodes for response code 123. The originating nucleus message sequence number is also given in the message (*msgnum*).

The originating nucleus will continue to wait for a reply until the message times out or the nonresponding nucleus ends.

Action   If the reason for the error cannot be determined and corrected, notify your Software AG technical support representitive.

ADAX14   **{dbid} Statistics for {type}-type messages**
                    {dbid} Messages sent {nn} replies sent {nn}
                    {dbid} Messages arrived {nn} messages accepted {nn}

Explanation   Produced during normal nucleus termination, this message provides Adabas Cluster Services messaging service statistics:

messages sent	reflects the number of internucleus messages initiated from this nucleus
messages arrived	is the count of asynchronous incoming messages queued for the nucleus (normally, the same as 'messages accepted')
messages accepted	is the count of those messages the nucleus processed (normally, the same as 'messages arrived')
replies sent	is the count of nucleus responses to accepted messages that required a response.

Action   No action is required for this informational message.

ADAX15   **{dbid} AXMCB allocated {nn} used {nn} total requests {nn}**

Explanation   Produced during normal nucleus termination, this message provides Adabas cluster messaging service statistics:

AXMCB allocated	number of internucleus message control blocks allocated.
AXMCB used	number of internucleus message control blocks used.
total requests	total number of requests to use the allocated internucleus message control blocks.

Action   No action is required for this informational message.

ADAX16   **{dbid date time statistic}**

Explanation   This message is used to display the output from the DXMSG operator command on the console.

Action   No action is required for this informational message.

ADAX20	**{dbid} XCF transaport initialization complete**
Explanation	The z/OS XCF transport service successfully initialized.
Action	No action is required for this informational message.

ADAX21	**{dbid} {error-text}**
Explanation	The error specified by one of the following error texts occurred during the z/OS XCF transport service initialization check:

Error Text	Explanation	Action
Existing XCF group member *xcf-member* uses different AXMCB version	The cluster member listed in the message is not using the same version of Adabas as the other nuclei in the cluster. All Adabas sysplex cluster nuclei generate *xcf-member* names in the format: DB*dddddppppp*N*nn* -where *ddddd* is the database ID, *ppppp* is the nonzero nucleus ID, and *nn* is an internal ordinal identifier.	Check that all nuclei in the cluster use the same Adabas versions and the same Adabas Cluster versions.
Existing XCF group member *xcf-member* uses different DBID	An Adabas sysplex cluster nucleus that is already active in the same XCF group is using a different DBID. All Adabas sysplex cluster nuclei generate *xcf-member* names in the format: DB*dddddppppp*N*nn* -where *ddddd* is the database ID, *ppppp* is the nonzero nucleus ID, and *nn* is an internal ordinal identifier.	Verify that ADARUN parameters DBID and CLUGROUPNAME are correct in all nuclei participating in the sysplex cluster. Contact your Software AG technical support representative if you are unable to resolve the problem.
Incompatible AXMCB version	The Adabas Cluster Services modules you are using are not compatible with the Adabas running.	Contact your Software AG technical support representative for assistance.
Incompatible AXMVT version	The Adabas Cluster Services modules you are using are not compatible with the Adabas running.	Contact your Software AG technical support representative for assistance.
Invalid group name	The ADARUN parameter CLUGROUPNAME was omitted or invalid.	Correct the ADARUN parameter. CLUGROUPNAME must begin with an alphabetic character, may not begin with

Error Text	Explanation	Action
		SYS, and may not be UNDESIG.
Invalid userstate data from existing member *xcf-member*	The control information presented for a member already connected to the XCF group was not formatted as a proper Adabas sysplex cluster nucleus or had a different DBID. The preexisting member may be an Adabas sysplex cluster nucleus associated with a different DBID, or it may be another process using the same XCF group name. All Adabas sysplex cluster nuclei generate *xcf-member* names in the format: DB*dddddppppp*N*nn* -where *ddddd* is the database ID, *ppppp* is the nonzero nucleus ID, and *nn* is an internal ordinal identifier.	Identify the source of *xcf-member*. If it is an Adabas sysplex cluster nucleus, make sure the parameters NUCID, CLUGROUPNAME, and DBID are correct. There may be additional information in messages generated by the other nucleus. If it is not an Adabas sysplex cluster nucleus, contact your systems programmer or support representative. If you are unable to resolve the problem, contact your Software AG technical support representative.
IXCJOIN failed, duplicate NUCID and XCF member name	XCF service IXCJOIN reported the member name requested by this nucleus was already active in the XCF group. The member name is derived from the ADARUN parameters DBID and NUCID and an internal number assigned during nucleus initialization. Any return and reason codes included with this message are defined in the IBM documentation entitled *MVS Programming: Sysplex Services Reference*.	Verify that ADARUN parameter DBID is correct and NUCID is unique among all nuclei participating in the Adabas sysplex cluster. Contact your Software AG technical support representative if you are unable to resolve the problem.
IXCJOIN failed or retry count exhausted	An error was reported by XCF service IXCJOIN. Message ADAX28 provides the return and reason code from IXCJOIN. These return and reason codes are defined in the IBM documentation entitled *MVS Programming: Sysplex Services Reference*. An error may result from XCF options specified for your installation by your systems programmer.	Contact your Adabas technical support representative if you are unable to resolve the problem.
IXCQUERY failed	An error was reported by IBM XCF service IXCQUERY. Message ADAX28 provides the return and	Contact your Adabas technical support representative for assistance.

Error Text	Explanation	Action
	reason code from IXCQUERY. These are defined in the IBM documentation.	
NUCID already active	XCF initialization found an active Adabas sysplex cluster nucleus with the same NUCID.	Verify that ADARUN parameter NUCID is unique among all nuclei participating in the Adabas sysplex cluster.
Too many members exist in XCF group	IXCQUERY identified an unexpected number of preexisting members in the XCF group.	Contact your Software AG technical support representative for assistance.
XCF latch set creation failed	An error was reported by the IBM latch set creation routine ISGLCRT.	Contact your Software AG technical support representative for assistance.
XCF transport initialization failed	The initialization of the Adabas sysplex cluster's messaging service failed and nucleus initialization failed with PARM error 092. The reason for the failure is indicated in a previous message.	Review the previous messages to resolve the error. Contact your Software AG technical support representative for assistance.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX22   **{dbid} Status monitor update missed**

Explanation   This nucleus was notified by XCF that it failed to update its heartbeat monitor within the interval specified by ADARUN parameter MXSTATUS. XCF will notify all other nuclei registered to the same XCF group, each of which may issue message ADAX04.

Action   Determine why this nucleus is not able to update its heartbeat monitor. The nucleus may be hung or looping, or there may be other processes in the system preventing the nucleus from getting sufficient CPU allocations.

ADAX23   **{dbid} Status monitor update resumed after {nn} seconds**

Explanation   After missing one or more status monitoring intervals, this nucleus has resumed updating its heartbeat monitor. XCF will notify all other nuclei registered to the same XCF group, each of which may issue message ADAX05. This message reports the number of seconds (*nn*) since the missing status update was first detected and the related ADAX22 message was printed.

Action   No action is required for this informational message.

ADAX24   {dbid} {error-text}

Explanation   An error occurred while processing an incoming asynchronous message. This message appears only in the z/OS Adabas nucleus JESLOG listing, SYSLOG or operator's console. One of the following error texts is given in this message:

Error Text	Explanation	Action
AXMCB allocation failed in XCF message exit	A message control block to describe the incoming message could not be obtained from the pool.	Adjust ADARUN parameters NT and NU to increase the number of AXMCBs created at initialization. Contact your Software AG technical support representative if you are unable to resolve the problem.
Buffer allocation failed in XCF message exit	A buffer for the incoming message could not be obtained.	Provide more storage by increasing the REGION JCL parameter. Contact your Software AG technical support representative if you are unable to resolve the problem.
Invalid incoming MSGCNTL header in XCF message exit	The control information presented for the incoming message was not formatted as a proper Adabas cluster nucleus or had a different DBID. This may result if a message was sent from an XCF group member previously cited in message ADAX27.	See message ADAX27. Contact your Software AG technical support representative if you are unable to resolve the problem.
Out of sequence or missing segments in XCF message exit	The segments of a message whose length required it to be sent in multiple segments did not arrive in the expected order.	Contact your Software AG technical support representative for assistance.
Segmented message timed out in XCF message exit	A message whose length required it to be sent in multiple segments was not complete at the expiration of the timeout interval. This may be the result of an error on the sending nucleus, an XCF error, or contention for system resources.	Contact your Software AG technical support representative if you are unable to resolve the problem.
Unable to receive segment in XCF message exit	An error was reported from the XCF IXCMSGI service when attempting to receive the message. Message ADAX28 provides the IXCMSGI return and reason codes. These return and reason codes are defined	Contact your Software AG technical support representative if you are unable to resolve the problem.

Error Text	Explanation	Action
	in the IBM documentation entitled *MVS Programming: Sysplex Services Reference*.	
Unable to save message segment in XCF message exit	An error was reported from the XCF IXCMSGC service when attempting to save the message. Message ADAX28 provides the IXCMSGC return and reason codes. These return and reason codes are defined in the IBM documentation entitled *MVS Programming: Sysplex Services Reference*. There may not be sufficient resources allocated in your installation to save the message.	Contact your systems programmer or technical representative to determine if XCF is experiencing a shortage of resources. Contact your Software AG technical support representative if you are unable to resolve the problem.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX26   **{dbid} Invalid userstate data from {xcf-member}**

Explanation   An error occurred when processing a member state change event generated by the z/OS XCF messaging transport service as a member attempted to join the XCF group. The control information presented for the XCF group member attempting connection was not formatted as a proper Adabas sysplex cluster nucleus or had a different DBID. The joining member may be an Adabas sysplex cluster nucleus associated with a different DBID or it may be another process using the same XCF group name. All Adabas sysplex cluster nuclei generate *xcf-member* names in the format

DB*dddddpppppp*N*nn*

where:

ddddd	is the database ID
ppppp	is the nonzero NUCID
nn	is an internal ordinal identifier

The member state change event is discarded.

Action   Identify the source of *xcf-member*. If it is an Adabas sysplex cluster nucleus, make sure the parameters NUCID, CLUGROUPNAME, and DBID are correct and notify your Adabas technical support representative if this does not correct the problem. There may be additional information in the messages for the nucleus attempting to join. If it is not an Adabas sysplex cluster nucleus, notify your system programmer or support representative.

ADAX27	{dbid} No room in AXCFVT table for {xcf-member}
Explanation	An error occurred when processing a member state change event generated by the z/OS XCF messaging transport service.
Action	Contact your Adabas technical support representative. The member state change event is discarded.

ADAX28	{dbid} {xcf-service-routine} RET {return-code} RSN {reason-code}
Explanation	This message appears only in the z/OS Adabas nucleus JESLOG listing, SYSLOG, or operator's console. It is issued for certain XCF message transport service requests during initialization and termination, and whenever a request fails. Refer to IBM documentation entitled *MVS Programming: Sysplex Services Reference* for descriptions of the various return and reason codes for each XCF service.
Action	This message may be associated with an error condition reflected in other messages, or may have caused an Adabas cluster message request to fail. If an associated error is identified, include this message when contacting your Software AG technical support representative.

ADAX29	{dbid} Adabas abend in XCF exit DBID {dbid} NUCID {nucid} abend {routine} S{nnn }U{nnnn} reason {rsn} PSW {psw} REG 0-3 r{eg 0 reg 1 reg 2 reg 3} REG 4-7 {reg 4 reg 5 reg 6 reg 7} REG 8-B {reg 8 reg 8 reg 10 reg 11} REG C-F {reg 12 reg 13 reg 14 reg 15}
Explanation	A program check or system abend was intercepted by the z/OS XCF messaging transport service FRR or ESTAE routine. The error may have occurred under an SRB.

The nucleus should terminate. A dump may be produced in SDUMP format, either in one of the nucleus-allocated files SYSUDUMP, SYSMDUMP, or SYSABEND; or in a system-allocated file such as SYS1.DUMPn. |
| Action | Contact your Software AG technical support representative for assistance. |

ADASMM messages SMM Facility (ADASMM) Messages (ADAX2A - ADAX2I)

The messages in this section are returned by the Adabas Parallel Services messaging module ADASMM, also called the SMM facility.

Each message begins with a timestamp in the format "hh:mm:ss", a jobname, and the database ID for the Adabas Parallel Services cluster, which is shown as five numeric characters with leading zeros.

ADAX2A   {dbid} {message-text}

Explanation   One of the following message texts can appear in this message:

Message Text	Explanation	Action
Incompatible AXMVT version	The Adabas Parallel Services modules you are using are not compatible with the Adabas running.	Check that your Adabas Parallel Services library is compatible with your Adabas library. If the problem persists, contact your Software AG technical support representative for assistance.
TI-0, initialized, RC *return-code*	ADASMM initialized successfully.	No action is required for this informational message.
TI-1, cannot get work memory	The attempt to acquire memory for the ADASMM work area failed. ADASMM terminates.	Contact your Software AG technical support representative for assistance.
TI-2, cannot get PLXCB	The attempt to acquire an Adabas Parallel Services control block (MPM 76 call) failed. ADASMM terminates.	Contact your Software AG technical support representative for assistance.
TI-3, cannot load PLXDEP	The attempt to load the operating system interface module PLXDEP failed. ADASMM terminates.	Contact your Software AG technical support representative for assistance.
TI-4, memstate call NUCID: *nucid*, RC *return-code*	The specified hexadecimal return code was received from the member state table interface call for the specified nucleus ID.	Analyze the return code and correct the error.
TI-5, Error in post NUCID: *nucid*, RC *return-code*	The specified hexadecimal return code was received from the cross-memory post (MPM 80) routine to the specified nucleus ID.	Analyze the return code and correct the error.
TI-6, NUCID: *nucid* reported active - inconsistent PLXCB	A fatal error occurred during initialization. The cluster control block PLXCB reported incorrectly that the nucleus (NUCID) was active. The PLXCB is therefore inconsistent and initialization fails with response code 8.	Restart the cluster cleanly.
dbid TI-9, error set process token: *xx*	A fatal error occurred in obtaining the process token value xx as returned from the Adabas	Note the response code delivered and contact your Software AG technical

Message Text	Explanation	Action
	Operating System interface ADAIOR, where *dbid* is the database ID of the SMP cluster.	support representative for assistance.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX2B   **{dbid} {message-text}**

Explanation   One of the following message texts can appear in this message:

Message Text	Explanation	Action
TT-0, SMM not yet initialized	The termination call was made without a previous successful initialization call. The SMM facility terminates.	Contact your Software AG technical support representative for assistance.
TT-1, SMM terminating	The SMM facility is terminating.	Contact your Software AG technical support representative for assistance.
TT-2, memstate call, NUCID: *nucid*, RC *return-code*	The specified hexadecimal return code was received from the member state table interface call to the specified nucleus ID.	Analyze the return code and correct the error.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX2C   **{dbid} {message-text}**

Explanation   One of the following message texts can appear in this message:

Message Text	Explanation	Action
SM-0, SMM not initialized yet	A send call was made without a previous successful initialization. ADASMM terminates.	Contact your Software AG technical support representative for assistance.
SM-1, timer call, RC *response-code*	The specified hexadecimal response code was returned from a call to set up a timeout interval.	Analyze the response code and correct the error.
SM-2, No UB available, RC *response-code*	The specified hexadecimal response code was returned by the call to acquire a user buffer.	Analyze the response code and correct the error.
SM-3, Cannot find ECB element	An event control block is required in order to send a	The size of the table is based on the ADARUN NC

Message Text	Explanation	Action
	message. This control block cannot be acquired because the table is full.	parameter. Increase the value of the ADARUN NC parameter to increase the table size.
SM-4, Reply error, NUCID: *nucid*, RC *response-code*	The specified hexadecimal response code was returned by the specified (external) NUCID.	Analyze the response code and correct the error.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX2D   **{dbid} {message-text}**

Explanation   One of the following message texts can appear in this message:

Message Text	Explanation	Action
RM-0, SMM not yet initialized	A receive call was made without a previous successful initialization. ADASMM terminates.	Contact your Software AG technical support representative for assistance.
RM-1, reply ECB not found, RC *response-code*	Every ADASMM message needs an event control block, which is held in a table. The required receive messages does not have an equivalent event control block entry set by a send.	Analyze the response code and correct the error.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX2E   **{dbid} {message-text}**

Explanation   One of the following message texts can appear in this message:

Message Text	Explanation	Action
QU-0, SMM not yet initialized	A query member call was made without a previous successful initialization. ADASMM terminates.	Contact your Software AG technical support representative for assistance.
QU-1, bad function code *code*	The calls to ADASMMQU have a function code. The function code "code" is out of range. This is an internal error. ADASMM terminates.	Contact your Software AG technical support representative for assistance.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX2F   **{dbid} TM-0, SMM not initialized yet**

Explanation   A call was made to terminate the cluster session without a previous successful initialization call.

Action   ADASMM terminates.

ADAX2G   **{dbid} CM-0, SMM not yet initialized**

Explanation   A cancel call was made without a previous successful initialization.

Action   ADASMM terminates.

ADAX2H   **{dbid} {message-text}**

Explanation   One of the following message texts can appear in this message:

Message Text	Explanation	Action
CME-0, SMM not yet initialized	A receive exit call was made without a previous successful initialization. ADASMM terminates.	Contact your Software AG technical support representative for assistance.
CME-1, cannot find ECB element	An event control block was received in the database for ADASMM. The equivalent event control block for the message that was sent cannot be found.	Ensure that the ECB for the message sent is available.
TIMEX-0, SMM not yet initialized	A timer exit call was made without a previous successful initialization. ADASMM terminates.	Contact your Software AG technical support representative for assistance.
dbid TIME-1, msg to *ccccc* timed out	An attempt to send a message to cluster *ccccc* timed out, with no response.	This is a warning. Contact your Software AG technical support representative for assistance.

Action   The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX2I {dbid} {message-text}

Explanation One of the following message texts can appear in this message:

Message Text	Explanation	Action
SS-1, target gone, ID *nucid*	The cluster nucleus with the specified (external) NUCID left the cluster.	No action is required for this informational message.
SS-2, memstate, ID *int-nucid* IND *idx-num* EXT *nucid* state *nn*	This message provides information about calls to the member state table manager from the SMM facility where: ■ *int-nucid* is the nucleus indicator entry for the cluster nucleus in the member state table (internal). ■ *idx-num* is the index number of the internal nucleus indicator entry. ■ *nucid* is the user-specified (external) NUCID number, or zero (0) for a noncluster nucleus. ■ *nn* is the status of the nucleus: 03 to activate or 00 to release.	No action is required for this informational message.
SS-3, ACB to ID *nucid*, RC *rsp-code*, AD2 *value*	An error has occurred in cluster communication. The cluster nucleus that returned the message is identified by the (external) NUCID. The response code is provided as well as the contents of the command ACB's or ACBX's Additions 2 field.	This is a warning. Contact your Software AG technical support representative for assistance.

Action The user actions are given in the table above. If the problem persists, contact your Software AG technical support representative for assistance.

ADAX31 **Opening work dataset for NUCID={nucid}**

Explanation While recovering from the failure of one or more Adabas cluster nuclei, this nucleus is about to open the Work data set of the nucleus with the specified (external) NUCID, which terminated abnormally.

Action No action is required for this informational message.

ADAX32	**Open failed. IOR code=X'{cc}', system code=X'{ssss}'**
Explanation	While recovering from the failure of one or more Adabas cluster nuclei, this nucleus tried to open the Work data set of the nucleus with the NUCID 'nucid' (message ADAX31), but the open failed. ADAIOR issued response code 'cc' (in hexadecimal), and the system's return code is 'ssss' (in hexadecimal). The nucleus job protocol (DD/PRINT) contains an ADAI63 message detailing the name of the Work data set that could not be opened.
Action	Determine why opening the Work data set failed. Possible causes include the following:

- the Work data set or its catalog entry is inaccessible or has been damaged; or

- the PPT block containing the name of the Work data set has been damaged.

- If possible, correct the error and restart the nucleus. Otherwise, the database must be restored and regenerated.

If in doubt, contact your Software AG technical support representative.

ADAX33	**Bad work block for NUCID={nucid} timestamp mismatch -- RABN={rrrr}**
Explanation	While recovering from the failure of one or more Adabas cluster nuclei, this nucleus encountered a Work block in which the timestamp at the beginning of the block did not match the control timestamp at the end of the block. The last write of the block was incomplete, or the block has been damaged for another reason. It is inconsistent and cannot be used for recovery. The block was read from the Work data set of the nucleus with the NUCID 'nucid'. Its RABN is 'rrrr'.
Action	Restore and regenerate the database. If in doubt, contact your Software AG technical support representative.

ADAX40	**{dbid} Adabas abend in cache exit DBID {dbid} NUCID {nucid} abend {routine} S{nnn} U{nnnn }reason {rsn} PSW {psw} REG 0-3 {reg 0 reg 1 reg 2 reg 3} REG 4-7 {reg 4 reg 5 reg 6 reg 7} REG 8-B {reg 8 reg 8 reg 10 reg 11} REG C-F {reg 12 reg 13 reg 14 reg 15}**
Explanation	A program check or system abend was intercepted by the z/OS XES parallel sysplex cache service FRR routine. The error occurred under an SRB.
	The nucleus should terminate. A dump may be produced in SDUMP format, either in one of the nucleus-allocated files SYSUDUMP, SYSMDUMP, or SYSABEND; or in a system-allocated file such as SYS1.DUMPn.
Action	Contact your Adabas technical support representative.

ADAX41   **{dbid} ADANCX GETMAIN failed**

Explanation   ADANCX is the nucleus extension module for Adabas cluster environments. The attempt to allocate space for this module failed.

Action   Reduce memory requirements or expand the amount of memory available.

ADAX42   **{dbid} GETMAIN failed**

Explanation   An attempt to allocate space failed.

Action   Reduce memory requirements or expand the amount of memory available.

ADAX43   **{dbid} {ADAXEC | ADASMC} initialization error - {xxx}**

Explanation   Internal error.

Action   Contact your Software AG technical support representative.

ADAX44   **{dbid} ADANCX cache-related GETMAIN failed**

Explanation   ADANCX is the nucleus extension module for Adabas cluster environments. A second attempt to allocate space for this module failed.

Action   Reduce memory requirements or expand the amount of memory available.

ADAX45   **{dbid} Unexpected cache connection error - {xxx}**

Explanation   An error occurred while connecting to the sysplex cache structure. See the following messages for the reason.

Action   Correct the problem. If the action to take is not obvious, contact your Software AG technical support representative.

ADAX46   **{dbid} GETMAIN failed after connect to cache**

Explanation   An attempt to allocate space failed after Adabas was connected to the external cache structure.

Action   Reduce memory requirements or expand the amount of memory available.

ADAX47   **{dbid} Cache connect problem RC X{'xxxxxxxx}' reason X'{yyyyyyyy}'**

Explanation   An error occurred while connecting to the sysplex cache structure. The 'x's identify cache-related return codes; the 'y's identify reason codes to explain the error.

Action   If you are using Adabas Parallel Services, contact your Software AG technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macro IXLCONN. Common reason codes that occur due to configuration errors include the following:

RC	Reason	Explanation
X'08'	X'xxxx084C'	Improper SAF authorization. Adabas is not authorized to connect to the structure.
X'0C'	X'xxxx0C05'	Structure not defined in CFRM policy, possibly due to a bad structure name parameter.
X'0C'	X'xxxx0C08'	No suitable coupling facility found for structure allocation.
X'0C'	X'xxxx0C29'	The CFRM function is not active or not available.

ADAX48   **{dbid} Cache disconnect RC {rrr} CRC X'{xxxxxxxx}'X reason X'{yyyyyyyy}'**

Explanation   The message text of this message varies. The following table explains and describes the user action that should occur as a result of the different message texts.

Message Text	Explanation	Action
Cache disconnect RC *rrr* CRC X'*xxxxxxxx*'X reason X'*yyyyyyyy*'	An error occurred while disconnecting from the sysplex cache structure. The return codes from the ADAXEC module (*rrr*); the return codes from the cache structure (*xxxxxxxx*); and the reason codes (*yyyyyyyy*) are provided in the message to explain the error.	If you are using Adabas Parallel Services, contact your Software AG technical support representative for assistance. If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macro IXLDISC.
Block *blk-name* cast-out locked at disconnect *nnnn* cast-out locks released at disconnect	A Parallel Services nucleus held a cast-out lock on one or more cache blocks when disconnecting from the global cache. The cast-out locks have been released. This may happen during an online recovery process. The first message is repeated for every block affected; the second one summarizes how many blocks were affected.	If these messages occur during online recovery, no action is required. However, if these messages appear during normal session termination, contact your Software AG technical support representative.

Action   Perform the action described in the table above.

ADAX49 {dbid} Unexpected cache return code encountered
{dbid} Function X'{ff}' {xxxxxxxxxxxxxxxxxxxxxxx}
{dbid} CRC X'{yyyyyyyy}' reason X'{zzzzzzz}'

Explanation An unexpected return code was returned during execution of a macro related to the cache structure.

Action If you are using Adabas Parallel Services, contact your Software AG technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macro IXLCACHE, in the chapter corresponding to the function displayed in the message.

ADAX50 {dbid} GETMAIN failed for cast-out directory buffer
{dbid} Size requested X{nnnnnnnn}

Explanation An attempt to allocate space for the cast-out directory buffer failed.

Action Reduce memory requirements or expand the amount of memory available.

ADAX51 {dbid} Cache structure allocation unacceptable
{dbid} Requested cache allocation valuesS
{dbid} Storage classes X'{ee}'
{dbid} Cast-out classes X'{ffff}'
{dbid} ADJUNCT=YES
{dbid} Maximum data elements per entry X'{gg}'
{dbid} Data element characteristic X'{hh}'
{dbid} Actual cache allocation values
{dbid} Storage classes X'{ii}'
{dbid} Cast-out classes X'{jjjj}'
{dbid} ADJUNCT={YES | NO}
{dbid} Maximum data elements per entry X'{kk}'
{dbid} Data element characteristic X'{mm}'

Explanation The Adabas nucleus connected successfully to the cache structure; however, the attributes of the cache structure are inappropriate for the Adabas sysplex cluster. Most likely, the cache structure is already being used by another program.

Action Determine which other program is using the cache structure. Either terminate this other program or specify a different cache structure for use by Adabas Cluster Services.

ADAX52	I{dbid} Incompatible existing user(s) of the {dbid} cache structure {cache-structure-name}
Explanation	The cache structure with the name indicated is already being used by another Adabas cluster. Cache structure names may only be used for a single Adabas cluster of nuclei.
Action	Use the cache structure name identified for use by your particular cluster.

ADAX53	{dbid} Internal error - no available XQRB
Explanation	An internal error has occurred.
Action	Contact your Software AG technical support representative for assistance.

ADAX54	{dbid} Insufficient cache data elements
Explanation	The cache structure connected successfully; however, the number of cache data elements in the external cache structure (or global cache area)is not sufficient. There must be enough data elements to hold 80,000 or more bytes of information. The number of data elements allocated is indicated earlier in message ADAX57.
Action	Increase the size of the external cache structure (or global cache area). Alternatively, modify the ADARUN parameters DIRRATIO and/or ELEMENTRATIO to ensure that enough cache data elements are allocated.

ADAX55	{dbid} This job will not terminate
Explanation	An internal error occurred that caused the nucleus to terminate abnormally. A message issued prior to this one provides more information related to the error.
Action	Contact your Software AG technical support representative for assistance.

ADAX56	{dbid} {message-text}
Explanation	Various message texts can be associated with thie message number, as described in the following table:

Message Text	Explanation
Unable to obtain PLXCB address	The nucleus is unable to locate the PLXCB in common storage.
Unable to obtain ALET of XQRB data space	The nucleus could not connect to the messaging data space.
More than 31 XQRB areas in data space	The nucleus did not find free space for its own use in the messaging data space.

Action	For all possible message texts, contact your Software AG technical support representative for assistance.

ADAX57	**{dbid} Connected to cache structure {cache-structure-name}** **{dbid} Directory elements {xxxxxx}** **{dbid} Data elements {yyyyyy}** **{dbid} Data element size {zzzzzz}**
Explanation	An Adabas cluster nucleus successfully connected to the specified cache structure (or global cache area) in a cluster environment. This message provides a count of the cache's directory entries and data elements, along with the data element size.
Action	No action is required for this informational message.

ADAX58	**{dbid} Time expired waiting for notification of** **{dbid} existing connectors to the cache structure**
Explanation	The attempt to connect an Adabas cluster nucleus to the cluster cache structure in a sysplex environment timed out waiting for information about existing connections to the cache structure.
Action	Try again to start the Adabas sysplex cluster nucleus. If the error continues to occur, contact your Software AG technical support representative.

ADAX59	**{dbid} Unexpected return code from {ADAXEC | ADASMC}** **{dbid} function X'{ff}' {xxxxxxxxxxxxxxxxxxxxxxxx}** **{dbid} RC {rrr}**
Explanation	An unexpected return code was received during a call to the referenced module. The message includes the function code and return code.
Action	Contact your Software AG technical support representative.

ADAX5A	**{dbid} DSST update omitted because cache or buffer pool full**
Explanation	After data storage updates, the nucleus is unable to read a DSST block into the buffer pool or global cache or to write the updated DSST block to the cache, because the buffer pool or cache was full. It is possible that the DSST bytes for one or more of the updated data storage blocks are incorrect. This message is printed at most once in 10 minutes. Incorrect DSST bytes may have slightly adverse effects on the effectiveness of space reuse in data storage. If the associated data storage blocks are updated again, incorrect DSST bytes are implicitly corrected.
Action	Either the buffer pool or the global cache or both are too small to support the number of parallel commands running in the nucleus or the whole cluster. Increase the buffer pool or global cache size.

ADAX5B	**{dbid} Connecting to S64 cache at {address}** **{dbid} Connect to S64 cache return code** **{ADAIOR-return-code}/{zOS-return-code}/{zOS-reason-code}** **{dbid} Disconnecting from S64 cache** **{dbid} Disconnect from S64 cache return code** **{ADAIOR-return-code}{/zOS-return-code}/{zOS-reason-code}**
Explanation	ADABAS Parallel Services is using z/OS shared 64-bit addressable storage as part of its cache configuration. Connecting to the S64 object establishes a local affinity and makes the object addressable. Disconnecting deletes the affinity, after which the object is no longer addressable. Any non-zero return code received from z/OS IARV64 is formatted.
Action	If the attempt fails, examine the IARV64 return and reason code description in the IBM documentation entitled *MVS Programming: Authorized Assembler Services Reference, Volume 2 (EDTINFO-IXGWRITE)*. If the cause is not clear, notify your Software AG technical support representitive.

ADAX5C	**{dbid} Unchanged blocks will [NOT] be written to cache**
Explanation	This message reports the setting of the ADARUN CLUCACHEUNCHANGED parameter for this Adabas Parallel Services nucleus. Unchanged blocks either will or will not be written to the global cache.
Action	No action is required for this informational message.

ADAX60	**{Peer nucleus	Unknown connector} {connection-name }** **{is already	has} connected to** **{cache	lock} structure {structure-name}**
Explanation	An event occurred related to another connector of a cache or lock structure.
Action	No action is required for this informational message.

ADAX61	**{date time statistic-text statistic-value}**
Explanation	Whenever a nucleus disconnects from a cache, this message is issued with cache activity statistics. These may be useful in diagnosing problems and selecting a suitable cache configuration. Bear in mind that the statistics show only one nucleus's activity. Full understanding may require examining the statistics of other nuclei. This message is also used to display the output from the DXTAT, DXCACHE, DXLOCK, DXFILE, and DMEMTB operator commands on the console. For examples of this message used with these commands, refer to the documentation for Adabas Cluster Services operator commands. Here is an example of the statistics provided in this message:

```
ADAX61 Statistics at disconnect for cache C00C7231            ↵

       Cache Directory Management Activity                    ↵

                     32,565 Read located active                ↵

                      5,230 Read obtained from free pool        ↵

                          0 Read reclaimed, first choice criteria ↵

                          0 Read reclaimed, second choice criteria ↵

                          0 Read reclaimed, third choice criteria ↵

                          0 Read reclaimed, fourth choice criteria ↵

                          0 Read unable to obtain (cache full)  ↵

                          0 Total number of directory reclaim   ↵
attempts
                          0 Number of directories examined for  ↵
reclaim
                      0.000 Average number of directories examined ↵
per attempt
                        680 Write obtained from free pool        ↵

                        496 Directory high-water mark (this      ↵
nucleus)
                      1,134 Directory high-water mark            ↵
(cluster-wide)

       Cache Write Requests                                    ↵

                    306,706 Sufficient preallocated space        ↵

                        235 Free space allocated                 ↵

                          5 Space reclaimed, first choice criteria ↵

                      6,322 Space reclaimed, second choice       ↵
criteria
                        885 Unable to obtain space (cache full)  ↵

                      4,292 Space search examined part of space  ↵
chain
                      3,155 Space search examined entire space   ↵
chain
                      7,447 Total number of space allocation     ↵
attempts
                    462,840 Number of space chain descriptors    ↵
examined
                     62.151 Average number of descriptors examined ↵
```

```
per attempt

        Cache Space Element Reclamation                                    ↵

                        48 Elements reclaimed, first choice ↵
criteria
                    28,431 Elements reclaimed, second choice ↵
criteria

        Latch Attempts                  Exclusive                          ↵
  Shared
            Cache Space Chain                                              ↵

                Get                          7,455                          ↵

                WaitFor                          8                          ↵

                Release                      7,447                          ↵

            Cache Directory Index                                          ↵

                Get                          5,351                          ↵
  249,009
                                         5,228 Upgrade                      ↵

                WaitFor                          0                          ↵
        0
                                             0 Upgrade                      ↵

                Release                     10,579                          ↵
  243,781
            Cache Directory                                                ↵

                Get                        454,179                          ↵
  398,747
                                         5,335 Upgrade                      ↵

                WaitFor                        205                          ↵
      53
                Release                    459,297                          ↵
  393,339
            Cache Cast-Out Class                                           ↵

                Get                         44,865                          ↵
    3,510
                WaitFor                          0                          ↵
        0
                Release                     44,865                          ↵
    3,510
```

These statistics are described in the following table:

Message Statistic Type	Description
Cache Directory Management Activity	Cache directory elements describe ASSO and DATA blocks that have been referenced. Directory elements are also used to describe unallocated space in the cache data storage pool. The number of directory elements created during cache initialization is shown in message ADAX57. The first reference to an ASSO or DATA block is a cache read request. If the block is already known in the cache, the existing directory element is located. Otherwise, a directory element must be allocated. If there are none in the free pool, the nucleus must search for an existing element that may be reclaimed. Directory elements for blocks that have been modified ("dirty") and not yet written to external storage ("hardened") may not be reclaimed. The remaining directory elements are examined to select one that describes a block that is least likely to be needed in the near future. There are four sets of criteria in order of decreasing desirability. In the best case, there is less likelihood of additional I/O from a cache miss, and in the worst case we have reclaimed an element that describes a block likely to be reused, and thus there's a higher probability of additional I/O. Factors such as the number of nuclei that have referenced the block, whether the block has been referenced recently, and the status of the block's contents are part of the selection criteria. If all directory elements describe dirty blocks, the cache is considered full and the directory allocation fails. The nucleus then executes a buffer flush to harden the dirty blocks, after which the request is tried again. A write request may also attempt to allocate a directory element to describe fragmented space. This is not a frequent occurrence. If reclaimed directory elements are a significant portion of the total activity, especially reclaims from the higher criteria, consider increasing the number of directory elements for best performance. The cache control structures are rebuilt as part of online recovery after a nucleus fails. This will reset the cluster-wide high water mark but will not affect the individual member high water mark.
Cache Write Requests	If the directory element does not already describe sufficient space to contain the block, additional space is first obtained from the free pool. If a suitable block cannot be found, space from one or more existing blocks will have to be reclaimed to assemble a contiguous area. If no suitable area can be assembled without including space containing dirty blocks, the cache is considered full. The nucleus executes a buffer flush and retries the request. As with directory elements, the selection criteria are used to reduce the chance that additional I/O will be needed because an active block was removed.

Message Statistic Type	Description
Cache Space Element Reclamation	The cache data element is shown in message ADAX57. A cached ASSO or DATA block requires one or more data elements.
Latch Attempts	Access to data structures shared among multiple nuclei is serialized by high-performance latches. These are administered entirely by the nuclei—they are not z/OS-administered latches. A latch may be acquired either exclusive or shared, and a shared latch may be upgraded to exclusive. If the latch cannot be acquired immediately, the nucleus may elect to wait for it. ■ There is one cache space chain latch to serialize space allocations. ■ There is a directory element index latch for each index element. It is held when searching for an existing directory element. It is also held when allocating or releasing a directory element. ■ There is a separate latch to serialize updates for each directory element. ■ There is a separate latch for each cast-out class to serialize access to directory elements during buffer flushes.

Action No action is required for this informational message.

ADAX62 **Unexpected lock return code encountered**
function X'{xx}'
LRC X'{cccccccc}' reason X'{rrrrrrrr}'

Explanation An attempt to lock or unlock a logical resource failed. The lock manager function number is 'xx'; its response code is 'cccccccc'; and its reason code is 'rrrrrrrr'. All variables are in hexadecimal.

The nucleus terminates abnormally.

Action This is an unexpected error. Contact your Software AG technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes, . Relevant information can be found in the Return and Reason Codes section of the macro IXLLOCK.

ADAX63	**Lock connect problem RC X'{cccccccc}' reason X'{rrrrrrrr}'**
Explanation	An error occurred while connecting to the lock structure. The lock manager's response code is 'cccccccc', its reason code is 'rrrrrrrr'. Both variables are in hexadecimal.
	The nucleus terminates abnormally.
Action	This is an unexpected error. Contact your Software AG technical support representative for assistance.

If you are using Adabas Cluster Services, see the IBM manual *MVS Programming: Sysplex Services Reference* for an explanation of the codes. Relevant information can be found in the Return and Reason Codes section of the macros IXCQUERY and IXLCONN. Common reason codes that occur due to configuration errors include the following:

RC	REASON	Explanation
X'08'	X'00000024'	Structure not defined in CFRM policy.
X'08'	X'xxxx084C'	Improper SAF authorization. Adabas is not authorized to connect to the structure.
X'0C'	X'00000154'	No CFRM policy active.
X'0C'	X'xxxx0C05'	Structure not defined in CFRM policy, possibly due to a bad structure name parameter.
X'0C'	X'xxxx0C08'	No suitable coupling facility found for structure allocation.
X'0C'	X'xxxx0C29'	The CFRM function is not active or not available.

ADAX64	**ADANCX lock-related GETMAIN failed**
Explanation	The lock manager failed to acquire main storage.
Action	Restart the nucleus with a larger REGION parameter or make the nucleus parameters NH, NU, or LDEUQP smaller.

ADAX65	**Parameter taken over: {parameter-name}** **old: {old-value} new: {new-value}**
Explanation	This message is printed in two instances. It occurs when:

1. The parameter value of a newly-started cluster nucleus is taken over (replaced) by the global parameter value in use by the already active cluster nuclei. The old value (`old-value`) is the parameter value read from the ADARUN statements of the starting nucleus; the new value (`new-value`) is the global parameter value in use by the already active cluster nuclei.

2. A global parameter value is changed on one nucleus in the cluster. This new parameter value is propagated to all of the other active cluster nuclei and is taken over (used) by them.

Action	No action is required for this informational message.

ADAX66	**Incompatible global parameter {parameter-name} specified: {value-specified} in effect: {value-in-effect}**
Explanation	An incompatible parameter value has been specified for a second or subsequent cluster nucleus when it starts. When this occurs, the starting nucleus:

■ Does not take over (use) the global parameter value.

■ Does not come up.

The parameter value specified (`value-specified`) by the second or subsequent cluster nucleus and the parameter value currently in effect (`value-in-effect`) for all cluster nuclei are given in the message.

Action	Resolve the incompatibility of the parameter values so that the newly-started cluster nucleus and the other active cluster nuclei can use the same parameter value.

ADAX67	**Incompatible existing user(s) of the lock structure {lock-structure-name}**
Explanation	The lock structure with the name specified in the message is already being used by another Adabas sysplex cluster or by other software. Lock structure names must be unique in the sysplex environment and for each Adabas nucleus cluster.
Action	Use the lock structure name that has been identified for use by your particular Adabas sysplex cluster.

ADAX68	**Time expired waiting for notification of existing connectors to the lock structure**
Explanation	An attempt to connect an Adabas sysplex cluster nucleus to the lock structure timed out waiting for information about existing connections to the lock structure.
Action	Determine whether any conditions exist in the coupling facility or the system itself that could interrupt the flow of information or make the flow extremely slow.

ADAX69	**Lock structure too small expected min number of records {nnn,nnn,nnn}**
Explanation	The lock structure defined in the CFRM policy is too small to handle the current settings of the ADARUN parameters. The minimum number of records expected by the processes is indicated.
Action	Either decrease the value of the ADARUN parameters NU, NH, or LDEUQP; or increase the size of the lock structure.

ADAX6B   **IXLEERSP request got RSP {rsp-code} RSN {reason-code}**

Explanation   After a peer nucleus disconnected abnormally from the lock structure, this nucleus issued an IXLEERSP request to XES to acknowledge the peer failure, but the IXLEERSP request got the response code and reason code shown. These are documented in *MVS Programming: Sysplex Services Reference* IBM manual in the *Return and Reason Codes* section of the IXLEERSP macro.

This nucleus will continue performing the online recovery process after the peer failure. It will disconnect from the lock structure as part of the recovery process, which is another way of acknowledging the peer failure to XES. However, due to the unsuccessful IXLEERSP request, there is a very small chance of a cluster-wide deadlock involving XES.

Action   In the case of a hangup of the online recovery process, cancel a nucleus that has not yet printed an ADAX89 message. This may unravel the deadlock. If there is no such nucleus, cancel the nucleus that will do the session autorestart, as per the ADAX89 messages. Restart the cluster after all nuclei have terminated.

In either case, report the occurrence of the ADAX6B message to your Software AG technical support representative.

ADAX70   **Connected to lock structure {lock-structure-name}**
number of lock entries {nnn,nnn}
max number of record elements {nn,nnn}

Explanation   An Adabas cluster nucleus successfully connected to the specified lock structure in a z/OS parallel sysplex environment. This message provides

■ a count of lock entries; and

■ the maximum number of records elements.

Action   No action is required for this informational message.

ADAX71   **Retrying cache write for RABN X'{rrrrrrrr}'**

Explanation   This message identifies the RABN value in hexadecimal for which a cache write is being retried. The error leading to the write retry is identified in previous messages.

ADAX72   **GETMAIN failed for lock element table**
size requested X{nnnnnn}

Explanation   An attempt to allocate space for the lock element table failed.

Action   Reduce the memory requirements for the table or expand the amount of memory available.

ADAX73	**Lock structure size error**
Explanation	An error was detected in the lock structure policy: both the SIZE and INITSIZE values are zero.
Action	Review the lock structure policy and make the necessary changes.

ADAX74	**{dbid} Warning: Now it is too late to copy DDPLOGR{n}**
Explanation	Corresponds to the ADAN05 message at startup, but occurs during online recovery.
	Adabas has begun to write data protection log data to the data set identified by DD/PLOGRn. This means that the data set can no longer be copied to tape for subsequent use as input to the REGENERATE or BACKOUT functions of the ADARES utility. A user exit 2 (dual log processing) or user exit 12 (multiple log processing) call either was not made or did not successfully copy the DD/PLOGRn data set with the ADARES utility.
Action	If the database is running without user exit 2, overwriting the PLOG data is normal and this message can be ignored.
	If the database is running with user exit 2, this message occurs only when the user exit asks the nucleus to proceed even though the PLOG has not been copied. Whether this is an error or not depends on the logic the user has implemented in the user exit.

ADAX75	**{dbid} Protection log PLOGR{n} started**
Explanation	Corresponds to the ADAN21 message at startup, but occurs during online recovery.
	Adabas is now ready to begin writing data protection information to the dual or multiple data protection log identified by DD/PLOGRn.
Action	Execute the PLCOPY function of the ADARES utility at this time to reinitialize the PLOGs.

ADAX76	**{dbid} Nucleus run with protection log {nnnnn}**
Explanation	Corresponds to the ADAN02 message at startup, but occurs during online recovery.
	The Adabas nucleus session has been initiated and database protection logging has been specified. Subsequent execution of the REGENERATE and BACKOUT functions of the ADARES utility for any updates applied during the session is possible.

ADAX77	**{dbid} IDTH prefix problem**
Explanation	A query request to ADAMPM to get the address of the IDTH failed. The nucleus terminates abnormally.
Action	This is an unexpected error. Contact your Software AG technical support representative.

ADAX78	**{dbid} ADACOM is not running or CLULOCKSIZE is not specified**
Explanation	While trying to connect to the global lock area, ADASML detects that either ADACOM is not running or the CLULOCKSIZE parameter is not specified. The nucleus terminates abnormally.
Action	Start ADACOM before starting the Adabas Parallel Services cluster nucleus and specify a nonzero value for the CLULOCKSIZE parameter.

ADAX79	**{dbid} Global resource lock on this system is invisible to NUCID {nucid} on the system {sysname}**
Explanation	Cluster Services nuclei working on the same database synchronize some of their actions using resource locks via Global Resource Serialization (GRS).
	During session start one nucleus detected that a resource lock it obtained was not effective against the peer nucleus with the NUCID shown, which was active on the system shown.
	The starting nucleus terminates with parm-error 105.
Action	Contact your system programmer to ensure that GRS is configured in a way that GRS resource locks are mutually effective against one another on all systems on which you intend to run Cluster Services nuclei.

ADAX80	**{dbid} Online recovery initiated**
Explanation	An Adabas cluster nucleus initiated an online recovery process after it detected that a peer nucleus in the same cluster terminated abnormally. (Each surviving nucleus initiates its own online recovery process.) The online recovery process stops all ongoing work in the nucleus, performs a session autorestart (including the backout of all open transactions), or waits until a peer nucleus performs the session autorestart, and then resumes normal processing.

ADAX80	**{dbid} Online recovery in progress**
Explanation	A nucleus started while other nuclei that were already active in the same cluster were performing online recovery in response to a nucleus failure. The starting nucleus waits until the online recovery process completes and then continues with its startup sequence.

ADAX80	**{dbid} {Online save	Trans suspend	ADAEND/halt} process canceled**
Explanation	In order to recover from the failure of a peer nucleus (online recovery), the nucleus canceled

- a running online save operation in which case the save operation fails;

- a running transaction suspension operation; or

- an ADAEND or HALT shutdown request, in which case the nucleus does not shut down after the recovery process has finished.

Action	Either restart the save operation after the online recovery process has completed successfully; or issue another ADAEND or HALT request if you still want to shut down the nucleus.

ADAX81	**{dbid} Waiting for active transactions to finish**
Explanation	When the online recovery process started, one or more transactions were active. The recovery process allows them to continue for a while in an attempt to bring them to normal completion.

ADAX82	**{dbid} All transactions finished**
Explanation	All transactions that were active when online recovery started have finished normally.

ADAX82	**{dbid} {count} active transaction(s) interrupted**
Explanation	A number of transactions indicated in the message were active when online recovery started but did not finish within the allotted time and were interrupted. They are backed out during online recovery. The affected users receive response code 9, subcode 18, for their next commands.

ADAX83	**{dbid} Waiting for active commands to finish**
Explanation	When the online recovery process was ready to interrupt all ongoing work, one or more commands were still active. The recovery process allows them to continue for a short time in an attempt to bring them to normal completion.

ADAX84	**{dbid} All commands finished**
Explanation	All active commands that the online recovery process was waiting for have finished normally.

ADAX84	**{dbid} {count} Active command(s) interrupted**
Explanation	A number of active commands indicated in the message did not finish within the allotted time and were interrupted. They are sent back to their respective users with response code 9, subcode 19. Their associated command IDs, if any, are deleted.

ADAX85	**{dbid} Waiting for active I/Os to finish**
Explanation	When the online recovery process interrupted all ongoing work, one or more I/Os were active. The recovery process waits for these I/Os to finish.

ADAX86   **{dbid} All I/Os finished**

Explanation   All I/Os that the online recovery process was waiting for have finished.

ADAX87   **{dbid} Waiting for outstanding messages to be answered**

Explanation   When the online recovery process interrupted all ongoing work, one or more internucleus commands were still due a response. The recovery process waits for the responses to arrive.

ADAX88   **{dbid} All outstanding messages answered**

Explanation   All outstanding responses for internucleus commands that the online recovery process was waiting for have arrived.

ADAX89   **{dbid} Session autorestart will be done by {this | peer} nucleus**

Explanation   The session autorestart that is part of the online recovery process is performed either by this nucleus or by a peer nucleus, as indicated in the message.

ADAX90   **{dbid} Recovery syncpoint {syncpoint} initiated**

Explanation   If more than one nucleus remains active when a peer nucleus terminates abnormally, the surviving nuclei synchronize their online recovery processes using several syncpoints, which all nuclei must reach before recovery processing can continue.

                      This message indicates that the nucleus that performs the session autorestart is ready to proceed when all other nuclei have reached the respective syncpoint.

ADAX91   **{dbid} Waiting on recovery syncpoint {syncpoint}**

Explanation   The online recovery process is waiting for the nucleus that performs the session autorestart to initiate the recovery syncpoint indicated.

ADAX92   **{dbid} Recovery syncpoint {syncpoint} reached**

Explanation   All nuclei involved in the collaborative online recovery have reached the recovery syncpoint indicated. The recovery process proceeds.

ADAX93   **{dbid} Beginning session autrestart**
                      {dbid} Beginning WORK4 interpretation
                      {dbid} WORK4 handling failed

Explanation   Various message texts can appear for this message number. The explanation and action for each is given in the following table.

Message Text	Explanation
Beginning session autorestart	One of the nuclei surviving a peer failure (this nucleus) begins the key step of online recovery-the session autorestart.
Beginning WORK4 interpretation	One of the peer nuclei failed, so one of the surviving nuclei begins autorestart processing, if DTP=RM. The WORK4 interpretation must occur before the autorestart is executed.
WORK4 handling failed	WORK4 interpretation was not successful. Refer to messages ADAN85 and ADAN86 for more information. All nuclei will go down.

ADAX94   **{dbid} Session autorestart executed successfully**
{dbid} DTP=RM-USERS are copied
{dbid} DTM=RM-USER-COPY failed
{dbid} DTM=RM-USER-LOCKS not gotten

Explanation   Various message texts can appear for this message number. The explanation and action for each is given in the following table.

Message Text	Explanation
Session autorestart executed successfully	The session autorestart performed during online recovery was successful. No action is required for this informational message.
DTP=RM-USERS are copied	PET/HEURI users from other nuclei are copied to the user queue of the recovery nucleus (including transaction IDs and file lists). No action is required for this informational message.
DTM=RM-USER-COPY failed	The user copy failed, probably due to a logic error. All nuclei will go down.
DTM=RM-USER-LOCKS not gotten	If DTP=RM, the nucleus must get hold queue and UQDE locks for all users on PET status who are copied to DDWORKR4. All nuclei will go down.

ADAX95   **{dbid} Session autorestart failed**
{dbid} Response code = {response-code}
{dbid} File number = {file-number}
{dbid} All active nuclei will go down

Explanation   The session autorestart performed during online recovery was not successful. It received the response code shown. If the response code was associated with a particular file, the file number is also shown.

This nucleus and all peer nuclei participating in the online recovery process will go down.

Action The situation is now equivalent to that after failure of session autorestart during nucleus session start. Determine why the session autorestart failed. Consider contacting your Software AG technical support representative.

ADAX96 **{dbid} Peer nucleus failed during online recovery**
    {dbid} This nucleus goes down too

Explanation A second nucleus failure occurred while an online recovery process was in progress to handle the abnormal termination of a peer nucleus. All nuclei active in the Adabas cluster will go down.

Action Restart the Adabas cluster. Determine the reasons for the first and the second failure. Consider contacting your Software AG technical support representative.

ADAX96 **{dbid} Utility with exclusive database control is active**
    {dbid} This nucleus goes down too

Explanation A nucleus failure occurred while a utility with exclusive database control was running. All nuclei active in the Adabas cluster will go down.

Action Restart the Adabas cluster and perform appropriate recovery actions for the utility with exclusive database control.

ADAX97 **{dbid} Online recovery completed successfully**
    {dbid} Resuming normal operation

Explanation The online process set up to handle the abnormal termination of a peer nucleus finished successfully. The nucleus resumes normal operation.

ADAX98 **{dbid} Received response code {rsp-code} from peer nucleus**

Explanation An online recovery process that was started to recover from the failure of one nucleus received a response code while communicating with another, still alive nucleus. All remaining active nuclei terminate.

Action Restart the nuclei. The first starting nucleus performs offline recovery (that is, session autorestart).

ADAX98 **{dbid} V2/{xxx} command received {rsp-rr/ss} from NUCID {nnn}**

Explanation An internal command used for inter-nucleus communication encountered a messaging failure; it got the response code/subcode shown from the peer nucleus shown.

ADAX99	{dbid} Uncorrectable intracluster communication failure
Explanation	This message may follow message ADAX9E or ADAX9H. After a messaging failure during intracluster communication the nucleus has decided to terminate itself due to an uncorrectable communication failure.
	The nucleus terminates abnormally with user abend code 79.
Action	Investigate the cause of the intracluster communication failure, starting with the response code and subcode reported in one or more preceding ADAX9E messages.
	If some kind of timeout (MXMSGWARN, MXMSG, MXCANCELWARN, or MXCANCEL parameter) was involved in the failure, ensure that all cluster nuclei run with high enough priority to get sufficient resources for participating in cluster-wide business.
	Consider contacting your Software AG technical support representative.

ADAX9A	{dbid} Could not determine message status for V2/{xxx} command return code = {nn}
Explanation	When a cluster nucleus tried to determine the status of an internal intracluster command (given in the message), an error occurred. The internal return code is shown. A preceding message might possibly contain more information about the error.
	The nucleus ignores the error and continues normally. Because it could not determine the status of the responses to the intracluster command cited, it does not warn early about outstanding responses (ADAX9B and ADAX9C messages)
Action	Contact your Software AG technical support representative.

ADAX9B	{dbid} Caution: Waiting for V2/{xxx} CMD being sent to NUCID ({nn})
Explanation	A cluster nucleus issued an XCF send request for an intracluster command (shown) to a peer nucleus (shown), but the command has not yet been sent within the time period set by the MXMSGWARN parameter. The number nn (shown) distinguishes different internal intracluster commands that may be in progress at the same time.
	No direct system action occurs. However, if the command is not sent or the peer nucleus does not respond within the time period set by the MXMSG parameter, either nucleus may terminate abnormally.
Action	This message is for your information. It may be useful for analysis in the case of a subsequent error.

ADAX9C	**{dbid} Caution: NUCID {nucid} ({jobname}) on system {sysn} is slow to respond to internal V2/{xxx} command ({nn})**
Explanation	A cluster nucleus sent an internal intracluster command (shown) to a peer nucleus (shown) in the cluster. The peer nucleus has not yet responded to the command within the time period set by the MXMSGWARN parameter. The number nn (shown) distinguishes different internal intracluster commands that may be in progress at the same time.
	No direct system action occurs. However, if the peer nucleus does not respond within the time period set by the MXMSG parameter, it will be canceled.
Action	This message is for your information. You may want to use the provided information (NUCID, job name, system name) to make sure that the cited peer nucleus gets sufficient resources (CPU, storage, priority) for participating in cluster-wide business.

ADAX9D	**{dbid} Clear: received response to V2/{xxx} from NUCID ({nn})**
Explanation	The peer nucleus listed in the message (*nucid*) that was slow to respond to an internal intracluster command (*xxx*) has finally responded. This message retracts the warning of a previous ADAX9B or ADAX9C message (shown with a matching *nn* number).
	The peer nucleus is no longer in danger of being canceled (for this particular intracluster command).
Action	No action is required for this informational message.

ADAX9E	**{dbid} Error: V2/{xxx} {cmd} received RSP {rsp/sub} from NUCID {nucid}**
Explanation	The internal command listed in the message (*xxx*) and used for intracluster communication encountered a messaging failure. The response code and subcode as well as the peer nucleus are given in the message. The response code and subcode are described in *Nucleus Response Codes*, elsewhere in this guide.
	The reaction of the nucleus to this error varies, depending on the type of internal command and on the response code received. The nucleus may cancel the peer nucleus causing the error, wait for a failing peer nucleus to terminate, terminate itself due to an unhandled error condition, or pass the response code up the call chain.
Action	Investigate the cause of the response code and subcode to resolve the error.
	If some kind of timeout (MXMSGWARN or MXMSG parameter settings) is involved in the error, ensure that all cluster nuclei run with high enough priority to get sufficient resources for participating in cluster-wide business.
	If the problem persists, contact your Software AG technical support representative.

ADAX9F	**{dbid} Canceling peer nucleus {nucid} ({jobname}) on system {sysn}**
Explanation	This message may follow message ADAX9E. A failure occurred when a nucleus issued an intracluster command to a target peer nucleus (listed in the message) because the target nucleus did not respond to the command in time. As a result, the sending nucleus is canceling the target peer nucleus.
	The nucleus waits for the canceled peer nucleus to terminate and then performs an online recovery process.
Action	Investigate the cause of the intracluster communication failure, starting with the response code and subcode reported in one or more preceding ADAX9E messages.
	If some kind of timeout (MXMSGWARN or MXMSG parameter setting) was involved in the failure, ensure that all cluster nuclei run with high enough priority to get sufficient resources for participating in cluster-wide business.
	If the problem persists, contact your Software AG technical support representative.

ADAX9G	**{dbid} Caution: NUCID {nucid} ({jobname}) on system {sysn} was canceled; {dbid} Failure notification still outstanding**
Explanation	The nucleus identified in the message by its nucleus ID (*nucid*), job name (*jobname*) and system name (*sysn*) was canceled, but the nucleus printing this message did not receive (within the time period set by the MXCANCELWARN parameter) the failure notifications reported in ADAX60 messages confirming that the canceled nucleus was terminated. As long as the canceled nucleus might still be active, the Adabas cluster cannot recover from the failure.
	This message might also occur if the cited nucleus has not been canceled but is failing for another reason and is slow to terminate.
	If the peer nucleus does not terminate within the time period set by the MXCANCEL parameter, this nucleus may ask for permission to terminate itself (if the MXWTOR parameter was set) or terminate itself without asking (if the MXWTOR parameter was not set).
Action	Use the provided information (nucleus ID, job name, and system name) to make sure that the canceled peer nucleus gets sufficient resources (CPU, storage, priority) for terminating.

ADAX9H	**{dbid} Error: Canceled NUCID {nucid} ({jobname}) on system {sysn} has {dbid} not terminated; unable to perform cluster recovery**
Explanation	The nucleus identified in the message by its nucleus ID (*nucid*), job name (*jobname*) and system name (*sysn*) was canceled, but the nucleus printing this message did not receive (within the time period set by the MXCANCEL parameter) the failure notifications confirming that the canceled nucleus has terminated. As long as the canceled nucleus might still be active, the Adabas cluster cannot recover from the failure.

This message might also occur if the cited nucleus was not canceled but failed for another reason and has not terminated.

The nucleus printing this message terminates itself with message ADAX99 and user abend 79.

Action   Check the status of the cluster nucleus cited in the message. Investigate why it did not terminate after being canceled or why the nucleus that printed this message did not receive the corresponding failure notifications (reported in ADAX60 messages).

Consider using the MXWTOR parameter to request that a cluster nucleus ask for permission before terminating itself after failing to cancel an unresponsive peer nucleus.

Ensure that all cluster nuclei run with high enough priority to get sufficient resources for participating in cluster-wide business.

If the problem persists, contact your Software AG technical support representative

ADAX9J   **{dbid} Error: Canceled NUCID {nucid} ({jobname}) on system {sysn}**
{dbid} has not ended yet. Ensure that this nucleus ends
{dbid} to allow Adabas cluster recovery.
{dbid} will terminate at {hh:mm:ss} (after {nnn} seconds).
{dbid} Reply 'W'ait, 'T'erminate, or 'R'eshow message

Explanation   This message requests an operator response. The nucleus identified in the message by its nucleus ID (*nucid*), job name (*jobname*) and system name (*sysn*) was canceled, but the nucleus printing this message did not receive (within the time period set by the MXCANCEL parameter) the failure notifications reported in the ADAX60 messages confirming that the canceled nucleus has terminated. As long as the canceled nucleus might still be active, the Adabas cluster cannot recover from the failure.

This message might also occur if the cited nucleus was not canceled but failed for another reason and has not yet terminated.

The nucleus will wait for the time period set by the MXWTOR ADARUN parameter for either the failure notifications of the canceled peer nucleus or a response from the operator. If the nucleus receives the expected failure notifications of the canceled peer nucleus, it retracts the ADAX9J message and starts an online recovery process to recover from the failure.

Action   Check the status of the other cluster nucleus cited in the message. If it terminates, this ADAX9J message will be retracted.

Respond to this message using one of the following responses:

Response	Causes the nucleus to:
R	Print the whole ADAX9J message again and continue to wait for resolution of this issue, but without setting a new time period.
T	Terminate itself with message ADAX99 and user abend 79.
W	Wait for another time period of length MXWTOR for resolution of this issue.

If you do not respond and the failure notifications of the canceled peer nucleus do not arrive by the MXCANCEL time, the nucleus terminates itself with messages ADAX9H and ADAX99 and user abend 79.

ADAX9K   **{dbid} Clear: Received failure notifications from NUCID {nucid}**

Explanation   The peer nucleus identified in the message (*nucid*) that was slow to terminate after being canceled has finally ended. This message retracts the warning of previous ADAX9G or ADAX9J messages about outstanding failure notifications. The nucleus is no longer in danger of terminating itself (for this particular incident).

Action   No action is required for this informational message.

ADAX9L   **{dbid} All operator queries retracted**

Explanation   After the operator was asked in a previous ADAX9J message to check the status of a peer nucleus that had been canceled but did not terminate, the peer nucleus has now ended. The nucleus printing this message has retracted all outstanding ADAX9J operator queries.

Action   No action is required for this informational message.

20 AITM* - z/VM Transaction Monitor Interface Messages

AITM01　　　　**ADAITM abnormally terminated**

Explanation　　The background Adabas communications manager program ADAITM was unable
to continue operation, perhaps because of a program error.

AITM02　　　　**I/O error {err-num} writing ADAITM restart file**

Explanation　　The error "err-num" occurred while z/VM was writing the error recovery program
ADAITM on the A-disk, preventing automatic restart from continuing. This message
usually follows the ADAM80 message; however, "err-num" is not the original cause
of the failure.

AITM03　　　　**I/O error {err-num} reading ADAITM restart file**

Explanation　　The error "err-num" occurred while z/VM was restarting the system using the ADAITM
RESTART program. This message usually follows message ADAM80; however,
"err-num" is not necessarily the cause of the original failure.

AITM04　　　　**IUCV connect error {err-num} during ADAITM restart**

Explanation　　ADAITM was unable to reconnect to an active nuclei or user because of the CP internal
communications (IUCV) error "err-num". This message usually follows error message
ADAM80; however, "err-num" is not necessarily the cause of the ADAM80 message.

AITM05　　　　**HX command entered during ADAITM execution**

Explanation　　The z/VM console operator entered a halt execution (HX) command, abnormally
terminating ADAITM.

AITM06   **Recursive error condition encountered**

Explanation   An error causing abnormal termination of ADAITM reoccurred during restart.

AITM07   **Target-ID {dbid} {action} in VMID {vm-id} CQH-FLAGS {flags} at {time}**

Explanation   An event related to a target with the database ID of "dbid" occurred in the virtual machine "vm-id". "action" can be STARTed, ENDed, or ABENDed. This message appears only during an ADAITM event trace.

AITM08   **Communicator {dbid} {action} in VMID {vm-id} at {time}**

Explanation   An event related to a communicator with the database ID of "dbid" occurred in the virtual machine "vm-id". "action" can be STARTed, ENDed, or ABENDed. This message appears only during an ADAITM event trace.

AITM09   **User {vm-id} {action} at {time}**

Explanation   An event related to a user with the database ID of "dbid" occurred in the virtual machine "vm-id". "action" can be STARTed, ENDed, or ABENDed. This message appears only during an ADAITM event trace.

AITM10   **User {vm-id} requested {type} Target-ID {dbid} in {vm-id} at {time}**

Explanation   ADALNK issued a request for a virtual machine ID for a physical or logical target id of "dbid". If the target was active, the virtual machine ID "vm-id" is displayed. This message appears only during an ADAITM event trace.

AITM11   **Command not recognized**

Explanation   An operator command entered at the z/VM console was not understood by ADAITM.

AITM12   **No active {entity} found**

Explanation   The z/VM console operator entered a LISTxxxx command to list all active entities, and none were found.

AITM13   **{type} target {dbid} ({target}) active in VMID {vm-id} CQH-FLAGS {flags} in VMID on node {node-name} on link {link-name}**

Explanation   The Adabas nucleus or other local or remote target is active. Communication is through the virtual machine "vm-id" for local z/VM targets, or over the link to an Entire Net-Work communicator for remote targets. This message is in response to the ADAITM LISTTARG operator command entered from the z/VM console. "(target)" refers to the target type:

AITM14	**User program active in VMID {vm-id}**
Explanation	A user program has requested Adabas communication information from the virtual machine "vm-id". The program is not necessarily still active. This message is in response to an ADAITM LISTUSER operator command entered from the z/VM console.

AITM15	**Node {node-name} ({target-id}) targets: {target-ids}**
Explanation	An Entire Net-work node "node-name" and the target ID of (target-id) is communicating with the ID table manager. The list of targets active on the node (target-ids) follows. This message appears in response to an ADAITM LISTNODE operator command entered from the z/VM console, and accompanies the message AITM21.

AITM16	**Logging not active**
Explanation	A LISTLOG or RESET z/VM operator command was entered, but event logging was not active.

AITM17	**Command {command} accepted**
Explanation	A DISPON, DISPOFF, LOGON, or LOGOFF z/VM operator console command was entered.

AITM18	**Log is currently empty**
Explanation	The operator entered a LISTLOG command from the z/VM console, but the logging area was empty.

AITM19	**Log area has been reset**
Explanation	A RESET operator command was issued at the z/VM console. The logging area pointer has been reset.

AITM20	**Link {link-name} to node {node-name} STAT={status}**
Explanation	This message is a response to the ID table manager LINKLIST operator command. The Entire Net-Work link "link-name" connected to the node "node-name" has the current status of "status". The name of the link is set by the ID table manager to the VMID of the virtual machine running the Entire Net-Work node. The status values and meanings are:

AITM21	**Node {node-name} DIST {distance} via link {link-name}**
Explanation	This message is a response to an ADAITM LISTNODE operator command. An Entire Net-Work node is now active and can be reached over the link "link-name". The distance in links is specified by "distance", and is the sum of the weight parameters specified along the path.
AITM22	**Node {vm-id} {action} at {time}**
Explanation	An event related to a node occurred in the virtual machine "vm-id". "action" can be CONNECTed, ABORTed, or REJECTed. This message appears only during an ADAITM event trace.
AITM23	**Remote target {dbid} ({target}) {function} on node {node-name} at {time}**
Explanation	The ID table manager received an Entire Net-Work message saying that the target database "dbid" and the type target "(target)" either started or ended on the designated node " node-name" at the specified time.
AITM24	**Probe {type} {dbid} received on link {link-name} from node {node-id} at {time}**
Explanation	The ID table manager received an Entire Net-Work probe message. The message was issued by the node "node-id", and was either a probe for a target or for the node "type" on "dbid".
AITM25	**Node address constants could not be resolved, incompatible versions**
Explanation	The ID table manager (ADAITM) and Entire Net-Work component for z/VM (NETITM) versions are incompatible. The ID table manager terminated abnormally (abended).
AITM26	**Node no restart option specified, ID-TABLE machine logged off**
Explanation	The ID table manager received a program check, and the restart option was not specified. The ID table manager terminated abnormally (abended) and automatically also terminated all z/VM nuclei by logging itself off.
AITM27	**Link {link-name} severed due to message limit overflow**
Explanation	An Entire Net-Work message intended for an adjacent node over the link "link-name" could not be transmitted because the maximum number of pending messages for the IUCV path was exceeded. The system breaks the link.

AITM28　　　　　**No error messages available**

Explanation　　　No Entire Net-Work messages are available to be displayed; the NETITM MSGS file is empty.

AITM29　　　　　**FSREAD error {fs-code} reading error message file**

Explanation　　　The error code "fs-code" was returned by z/VM file services while attempting to read the NETITM MSGS file. The LISTMSG operator command is terminated.

AITM30　　　　　**Node {node-name} in VMID {vm-id} deactivated path, TID {target-id} at {time}**

Explanation　　　An Adabas command to the remote node "node-name" was rerouted because the original path chosen by the ID table manager no longer led to the required target "target-id" .

21 APSPSX* - ADAECS or ADATCP Messages

The informational messages beginning with APSPSX are ADAECS (Conversion Services) or AD-ATCP (TCP/IP interface) messages from the ISE/POSIX subsystem that occur when running the nucleus. The same messages appear with ADACMP and other programs that call the modules ADAECS or ADATCP.

APSPSX0008	**{ADAECS | ADATCP} ISE/POSIX V{vrs} system initialized nucleus size {bytes}K bytes**
Explanation	The ISE/POSIX subsystem has been successfully initialized.

APSPSX0012	**{ADAECS | ADATCP} ISE/POSIX {CDI PH FILE | V{vrs}} system terminated**
Explanation	The ISE/POSIX subsystem server has terminated.

APSPSX0015	**{ADAECS | ADATCP} ISE/POSIX V{vrs} initialization in progress**
Explanation	The ISE/POSIX subsystem server has started its initialization processing.

APSPSX0027	**{ADAECS | ADATCP} initializing with configuration 'PAANCONF'**
Explanation	Indicates the ISE/POSIX subsystem configuration module being used.

APSPSX0036	**{ADAECS | ADATCP} global environment variables processed successfully**
Explanation	The global environment variable file of the ISE/POSIX subsystem was processed successfully and the global environment variables specified in the file were successfully defined.

APSPSX0049	**Required configuration parameter {parameter} missing or invalid**
Explanation	During the initialization of a CDI protocol driver, a required configuration parameter was missing or invalid. This initialization cannot proceed.
Action	Add or correct the specified parameter and restart the nucleus. See the Adabas Installation documentation for more information.

APSPSX0050	**{ADAECS	ADATCP} ISE/POSIX CDI {file} protocol initialized**
Explanation	The ISE/POSIX subsystem CDI protocol driver implementing the 'file' protocol was successfully initialized.

22 Adabas Event Replicator Subsystem Messages

ARF00001	**Default broker name was inserted**
Explanation	No default webMethods EntireX stub name was supplied on the Global Values screen. The default stub name, BKIMBTSO, is inserted.
Action	No action is required for this informational message.

ARF00002	**Broker Service must be provided**
Explanation	No webMethods EntireX service was provided in a webMethods EntireX destination definition. One is required.
Action	Specify a valid webMethods EntireX service ID for this destination definition.

ARF00003	**Cannot enter a GFB if a format buffer is in use**
Explanation	During editing of an SFILE definition, an attempt was made to specify both a format buffer and a GFB definition name for the before image, after image, or key-related before image of the SFILE. You cannot specify a format buffer if you have already specified a GFB definition name; likewise, you cannot specify a GFB definition name if you have already specified a format buffer.
Action	Specify either a format buffer or a GFB definition name, but not both.

ARF00004	**Cannot save in read-only mode**
Explanation	An attempt was made to save a definition in the Event Replicator Server Parameter Subsystem, but the record being edited was in read-only mode. You cannot save a definition you have not explicitly edited.
Action	Edit the definition and try again.

ARF00006	**Description must not be blank**
Explanation	At least one destination must be specified for a subscription definition.
Action	Specify a destination definition to be associated with this subscription definition.

ARF00007	**Do not select blank entries**
Explanation	An attempt was made to select a blank line on the List of Destinations screen in the Adabas Event Replicator Subsystem
Action	Select a line that is not blank but that has a destination name listed.

ARF00008	**Duplicate entry not allowed**
Explanation	While defining an Adabas destination definition, an attempt was made to specify a database ID and file combination twice in either the **Input DBID** and **Input File** fields or in the **Target DBID** and **Target File** fields. This is not allowed.
Action	Specify unique database ID and file combinations on the Adabas Destination Definition screen.

ARF00009	**Entire Broker ID must be provided**
Explanation	An attempt was made to save a webMethods EntireX destination definition when no webMethods EntireX ID was supplied.
Action	Supply a valid webMethods EntireX ID.

ARF00010	**Existing Destination Updated**
Explanation	The existing definition was updated in the Event Replicator Server Parameter Subsystem.
Action	No action is required for this informational message.

ARF00011	**Invalid name**
Explanation	An invalid name was supplied.
Action	Correct the name in the field that the Adabas Event Replicator Subsystem identifies as invalid.

ARF00012	**Invalid selection character**
Explanation	An invalid character was specified in the SEL column.
Action	Refer to the help for the specific screen to determine what values can be specified for the field in question and then specify a valid value.

ARF00013	**Invalid value**
Explanation	An invalid value was supplied in one of the fields on the Event Replicator Server Parameter Subsystem screen.
Action	Correct the value in the field that the Adabas Event Replicator Subsystem identifies as invalid.

ARF00014	**Invalid Architecture value (valid: 0-2)**
Explanation	An invalid value was specified for the Architecture field on the screen. Valid values range from "0" through "2".
Action	Refer to the help for the specific screen to determine what values can be specified for the field in question and then specify a valid value.

ARF00015	**Invalid MAXOUTPUT value (valid: 32768-2147483647)**
Explanation	An invalid value was specified in the **Max Output Size** field on the Global Values screen.
Action	Refer to the help for the specific screen to determine what values can be specified for the field in question and then specify a valid value.

ARF00016	**Invalid Subtasks value (valid: 0-15)**
Explanation	An invalid value was specified for the **Subtasks** field on the Global Values screen.
Action	Refer to the help for the specific screen to determine what values can be specified for the field in question and then specify a valid value.

ARF00017	**MQ Queue Name must be provided**
Explanation	A WebSphere MQ queue name must be specified in the **MQ Queue Name** field when creating a WebSphere MQ IQUEUE definition.
Action	Specify a valid WebSphere MQ queue name in the **MQ Queue Name** field.

ARF00018	**Name is required**
Explanation	An attempt was made to save a definition when no name was specified. A name must be provided for the definition.
Action	Specify a valid name for the definition.

ARF00019   **Name must be provided**

Explanation   An attempt was made to save a definition when no name was specified. A name must be provided for the definition.

Action   Specify a valid name for the definition.

ARF00020   **New destination info added**

Explanation   The destination definition has been successfully added.

Action   No action is required for this informational message.

ARF00021   **New destination saved**

Explanation   The destination definition has been successfully saved.

Action   No action is required for this informational message.

ARF00022   **New GFB added**

Explanation   The GFB definition has been successfully added.

Action   No action is required for this informational message.

ARF00024   **Queue Manager Name must be provided**

Explanation   An attempt was made to save a WebSphere MQ destination definition but a WebSphere MQ queue manager name was not supplied.

Action   Supply a valid WebSphere MQ queue manager name.

ARF00025   **Queue Name must be provided**

Explanation   An attempt was made to save a WebSphere MQ destination definition but a WebSphere MQ queue name was not supplied.

Action   Supply a valid WebSphere MQ queue name.

ARF00026   **Service Class must be provided**

Explanation   An attempt was made to save a webMethods EntireX destination definition but a webMethods EntireX service class name was not supplied.

Action   Supply a valid webMethods EntireX service class name.

ARF00027	**Service Name must be provided**
Explanation	An attempt was made to save a webMethods EntireX destination definition but a webMethods EntireX service name was not supplied.
Action	Supply a valid webMethods EntireX service name.

ARF00028	**Subscription not defined**
Explanation	The subscription selected for an Adabas destination definition has not yet been defined.
Action	No action is required immediately. You can save the destination definition with the invalid subscription specification, but the destination definition is marked as "pending" in the Event Replicator Server database. When you create the subscription later on, the destination definition is automatically updated and the "pending" status is removed.

ARF00029	**Subscription saved/updated**
Explanation	The subscription definition was successfully updated and saved.
Action	No action is required for this informational message.

ARF00030	**Subscription Name is required**
Explanation	An attempt was made to save an Adabas destination definition when no subscription name (even a name for an as-yet undefined subscription) has been specified. A subscription definition is required for an Adabas destination definition.
Action	Specify a subscription name for the Adabas destination definition. You can press PF6 on this screen to select a subscription name from a list of the currently defined subscription definitions.
	In addition, you can specify the name of a subscription that has not yet been defined. In this case, the destination definition is marked as "pending" in the Event Replicator Server database. When you create the subscription later on, the destination definition is automatically updated and the "pending" status is removed.

ARF00031	**Subscription name must not be blank**
Explanation	An attempt was made to save a subscription definition when no subscription name was specified. A name is required for a subscription definition.
Action	Specify a valid subscription name.

ARF00032	**There are currently no SFILEs - Press PF4 to add'**
Explanation	There are no SFILE definitions currently defined in the Event Replicator Server database.
Action	Press PF4 to access screens that allow you to add an SFILE definition.

ARF00033	**Zero entry not allowed**
Explanation	A zero was entered for a database ID or file number in an Adabas destination definition. Zero values are not allowed in database IDs or file numbers.
Action	Specify a valid database ID or file number.

ARF00034	**PF{nn} not defined**
Explanation	A function (PF) key was pressed that is not valid for the screen.
Action	Review the function keys listed at the bottom of the screen and select a valid one for that screen.

ARF00035	**Cannot enter a format buffer if GFB is in use**
Explanation	During editing of an SFILE definition, an attempt was made to specify both a format buffer and a GFB definition name for the before image, after image, or key-related before image of the SFILE. You cannot specify a format buffer if you have already specified a GFB definition name; likewise, you cannot specify a GFB definition name if you have already specified a format buffer.
Action	Specify either a format buffer or a GFB definition name, but not both.

ARF00036	**GFB is not defined**
Explanation	The GFB definition specified for an SFILE definition is not defined in the Event Replicator Server database.
Action	Specify the name of a GFB definition that has been previously defined in the Event Replicator Server database.

ARF00038	**Duplicate destinations not allowed**
Explanation	An attempt was made to assign the same destination definition to a subscription more than once. Every destination definition specified for a subscription definition must be unique.
Action	Specify a unique destination definition name.

ARF00041	**Missing or invalid destination flags**
Explanation	While assigning a destination definition to a subscription definition, no values were supplied for the N (normal replicated data) or the I (initial-state replicated data) flags.
Action	Specify values for the I and N fields on the screen. Refer to help for the screen to review the valid values.

ARF00043	**Invalid DBID value**
Explanation	An invalid database ID was specified in an SFILE definition.
Action	Specify a valid database ID.

ARF00044	**Invalid FILE value**
Explanation	An invalid file number was specified in an SFILE definition.
Action	Specify a valid file number.

ARF00045	**Default info updated**
Explanation	The default values specified on the Global Values screen of the Adabas Event Replicator Subsystem have been successfully updated and saved.
Action	No action is required for this informational message.

ARF00046	**GFB not saved**
Explanation	Changes were made to a GFB definition, but the GFB definition has not been saved.
Action	Save and replace the existing GFB definition or alter the GFB definition name and save it under the new name.

ARF00047	**IQUEUE definition deleted**
Explanation	The selected IQUEUE definition has been successfully deleted from the Event Replicator Server database.
Action	No action is required for this informational message.

ARF00048	**Subscription deleted**
Explanation	The selected subscription definition has been successfully deleted from the Event Replicator Server database.
Action	No action is required for this informational message.

ARF00049	IQUEUE definition updated
Explanation	The IQUEUE definition was successfully updated.
Action	No action is required for this informational message.

ARF00050	IQUEUE definition saved
Explanation	The IQUEUE definition was successfully saved.
Action	No action is required for this informational message.

ARF00051	Initial State definition deleted
Explanation	The initial-state definition was successfully deleted.
Action	No action is required for this informational message.

ARF00052	Initial-State definition saved
Explanation	The initial-state definition was successfully saved.
Action	No action is required for this informational message.

ARF00053	Initial-State definition updated
Explanation	The initial-state definition was successfully updated.
Action	No action is required for this informational message.

ARF00054	SFILE deleted
Explanation	The SFILE definition was successfully deleted.
Action	No action is required for this informational message.

ARF00055	Select A,I or enter selection criteria
Explanation	This informational message informs you to specify "A" or "I" in the **I** field on this screen or leave the **I** field blank and specify selection criteria instead.
Action	In the **I** field on the Initial-State Definition screen, specify "A" (no filter), "I" (filter by initial-state ISN specification), or a blank (filter by selection criteria). If you specify a blank, you must also specify some selection criteria in the **Selection Criteria** field on the screen.

ARF00056	"I" Field must be blank for selection criteria
Explanation	An attempt was made to specify a value for the **I** and **Selection Criteria** fields on the Initial-State Definition screen. If you want to specify selection criteria, the **I** field must be blank.
Action	Specify a valid value in the **I** field or specify selection criteria in the **Selection Criteria** field, but not both.

ARF00057	IDBID cannot be zero
Explanation	An attempt was made to save an initial-state definition for which no values for the **IDBID** field were specified.
Action	Specify at least one input database ID in the **IDBID** field for the initial-state definition.

ARF00058	IFile cannot be zero
Explanation	An attempt was made to save an initial-state definition for which no values for the **IFile** field were specified.
Action	Specify at least one input file number in the **IFile** field for the initial-state definition.

ARF00059	Object not copied - Already exists
Explanation	While attempting to copy a Event Replicator Server definition, a duplicate name was specified.
Action	Specify a new unique definition name when copying definitions.

ARF00060	Destination of another type and same name exists
Explanation	An attempt was made to define two destination definitions with the same name, but of different types. This is not allowed.
Action	Specify a unique name each time you add a destination name to the Event Replicator Server database.

ARF00061	Input DBID must be 1-65535
Explanation	An invalid value was specified for the **Input DBID** field on the Adabas Destination Definition screen.
Action	Specify a valid database ID for the **Input DBID** field. Valid values range from "1" to "65535".

ARF00062	**Target DBID must be 1-65535**
Explanation	An invalid value was specified for the **Target DBID** field on the Adabas Destination Definition screen.
Action	Specify a valid database ID for the **Target DBID** field. Valid values range from "1" to "65535".

ARF00063	**Input DBID/FNR and target DBID/FNR cannot be the same**
Explanation	In an Adabas destination definition, the database ID and file number combination specified for the **Input DBID** and **Input File** fields were the same as those specified for the **Target DBID** and **Target File** fields. The DBID/file combinations for the input fields must be different than those specified for the target fields.
Action	Specify unique DBID/file combinations for the input and target fields of an Adabas destination definition.

ARF00064	**Destination does not exist**
Explanation	In a subscription definition, the name of a destination that has not yet been defined was specified on the Destination List screen.
Action	Specify the name of a previously defined destination definition for the subscription.

ARF00065	**MESSAGE {number} NOT FOUND**
Explanation	No help could be found for the message number you specified.
Action	Verify that you have specified the correct number. To get help for Adabas Event Replicator Subsystem messages, enter:

```
msg nn
```

at the Command prompt. Specify the two-digit message number (omit the leading zeros) for *nn*.

If you have specified a valid message number and the error persists, contact your Software AG technical support representative.

ARF00066	**Invalid message number**
Explanation	The message value specified during a message help request was not in a format that the Adabas Event Replicator Subsystem recognized.
Action	Request message help using a valid message number format. To get help for Adabas Event Replicator Subsystem messages, enter:

```
msg nn
```

at the Command prompt. Specify the two-digit message number (omit the leading zeros) for *nn*.

If you have specified a valid message number and the error persists, contact your Software AG technical support representative.

ARF00067	DBID/FNR is not a valid Replicator file
Explanation	The database ID and file number combination specified on the Set LFILE Parameters screen were not for a Event Replicator Server database.
Action	Specify the database ID and file number combination of a Event Replicator Server database.

ARF00068	Existing resend buffer updated
Explanation	The resend buffer definition was successfully updated.
Action	No action is required for this informational message.

ARF00069	Invalid buffer size (VALID: 32-2097151)
Explanation	An invalid buffer size was specified for a resend buffer definition.
Action	Specify a valid buffer size. Refer to help for this screen for a range of valid values.

ARF00070	Invalid buffer name
Explanation	The resend buffer definition name specified in the subscription definition is for a resend buffer definition that has not yet been defined.
Action	Specify the name of a previously defined resend buffer definition.

ARF00071	Resend buffer definition does not exist
Explanation	The resend buffer definition specified for the subscription definition has never been defined.
Action	Specify the name of a previously defined resend buffer definition.

ARF00072	Subscription no longer available
Explanation	The subscription definition was deleted somehow (probably by somebody else) while you were working on it.
Action	Try saving it again.

ARF00073	**Subscription already exists, cannot save**
Explanation	An attempt was made to create a new subscription definition with the same name as an existing subscription definition.
Action	Specify a unique name for each subscription definition you define.

ARF00074	**New resend buffer saved**
Explanation	The resend buffer definition has been successfully saved.
Action	No action is required for this informational message.

ARF00075	**GFB replaced**
Explanation	The GFB definition was successfully altered and saved.
Action	No action is required for this informational message.

ARF00076	**Invalid Message Limit value (valid: 3-2147483647)**
Explanation	An invalid value was specified for the **Input Request Message Limit** field of the Global Values screen.
Action	Refer to help for this screen to review the valid values for this field. Then specify a valid value.

ARF00077	**GFB is used by subscription {name} -- Not deleted**
Explanation	An attempt was made to delete a GFB definition that is used by a subscription definition. The deletion attempt fails.
Action	No action is required. However, if you really need to delete the GFB definition, edit the subscription definition, specify a different GFB definition for the subscription, save the subscription definition, and try the delete attempt again.

ARF00078	**Subscription name cannot be changed**
Explanation	An attempt was made to change the name of an existing subscription definition on the Subscription Definition screen. Once defined, the name of a subscription definition cannot be changed.
Action	This limitation is designed to protect you from accidental replication problems, To get around this limitation, copy the subscription definition to a new name and delete the original subscription (with the original name) on the Available Subscriptions screen.

ARF00079	**Invalid num of concurrent requests - (valid 1-2147483647)**
Explanation	An invalid value was specified for the **Num of Concurrent Initial State Requests** field on the Initial-State Definition screen.
Action	Refer to the help for this screen for a description of the valid values for this field. Then specify a valid value.

ARF00080	**Invalid Message Interval value - (valid 1-2147483647)**
Explanation	An invalid value was specified for the **Input Request Message Interval** field on the Global Values screen.
Action	Refer to the help for this screen for a description of the valid values for this field. Then specify a valid value.

ARF00083	**Subscription not deleted --- Used by Initial State {name}**
Explanation	A request to delete a subscription was canceled because an initial-state definition makes reference to it. The name of the initial-state definition is given in the message.
Action	Delete the initial-state definition prior to deleting the subscription.

ARF00084	**Subscription not deleted --- Used by Destination {name}**
Explanation	A request to delete a subscription was canceled because a destination definition makes reference to it. The name of the destination definition is given in the message.
Action	Delete the destination definition prior to deleting the subscription.

ARF00085	**Destination not deleted --- Used by subscription {name}**
Explanation	A request to delete a destination was canceled because a subscription definition makes reference to it. The name of the subscription definition is given in the message.
Action	Delete the subscription definition prior to deleting the destination.

ARF00086	**Destination not deleted --- Used by Initial State {name}**
Explanation	A request to delete a destination was canceled because an initial-state definition makes reference to it. The name of the initial-state definition is given in the message.
Action	Delete the initial-state definition prior to deleting the destination.

ARF00087   **GFB not deleted --- Used by subscription {name}**

Explanation   A request to delete a GFB definition was canceled because a subscription definition makes reference to it. The name of the subscription definition is given in the message.

Action   Delete the GFB reference in the subscription definition prior to deleting the GFB definition.

ARF00088   **LFILE allocation error**

Explanation   An attempt was made to set the LFILE parameters using the Adabas Event Replicator Subsystem's Set LFILE Parameters screen, but the attempt failed.

Action   Enter Natural using the LFILE=(89,*nnnnn*,*nnnn*) session parameter where *nnnnn*, *nnnn* are the DBID and file number of the Replicator system file.

ARF00089   **Natural error {eeee} occurred at line {nnnn} of program {pppppppp}**

Explanation   A Natural error occurred. The Natural error number (*eeee*), the possible line number within the program (*nnnn*). and the program name (*pppppppp*) that encountered the error are given in the message.

Action   Read about the Natural error in the Natural documentation and follow the instructions described for that error.

ARF00090   **Cannot save due to syntax errors**

Explanation   The definition could not be saved because parameters in the definition were not specified correctly.

Action   Correct the parameters and try to save the definition again.

ARF00091   **Filter not allowed if using UES conversion**

Explanation   An attempt was made to supply a filter definition for a subscription that allows UES conversion. In other words, its architecture key (SARC parameter) is not "2" and a value other than "0" has been set for the user data alpha and wide settings (SACODE and SWCODE parameters). At this time, filters are only allowed on subscriptions that do not allow UES conversion. So the architecture key (SARC) must be set to "2" and the user data alpha and wide settings (SACODE and SWCODE) must be set to "0".

Action   Change the subscription definition. Either remove the filter definition specification or reset the UES field values.

ARF00092	Input FILE must be 1-5000
Explanation	An invalid value was specified for the **Input File** field on the Adabas Destination Definition screen. Valid values range from "1" through "5000".
Action	Specify a valid file number for the **Input File** field.

ARF00093	Target FILE must be 1-5000
Explanation	An invalid value was specified for the **Target File** field on the Adabas Destination Definition screen. Valid values range from "1" through "5000".
Action	Specify a valid file number for the **Target File** field.

ARF00101	A maximum of {n} entries can be selected
Explanation	More than *n* transaction filter definitions have been selected for the SFILE definition. The maximum that can be selected is listed in the message.
Action	Select the correct number of transaction filter definitions for the SFILE definition.

ARF00102	Transaction filter {name} does not exist
Explanation	This error may occur if there are concurrent updates on the same transaction filter definition. For example, if one user is modifying a definition at the same time as another user deletes it, this error occurs. The name of the transaction filter definition is given in the message.
Action	Try saving the transaction filter definition again.

ARF00103	Transaction filter name cannot be changed
Explanation	An attempt was made to change the name of an existing transaction filter definition on the Transaction Filter screen. Once defined, the name of a transaction filter definition cannot be changed.
Action	This limitation is designed to protect you from accidental replication problems, To get around this limitation, copy the transaction filter definition to a new name and delete the original transaction filter (with the original name) on the List of Transaction Filters screen.

ARF00104	No value allowed if target field empty
Explanation	If no target field is specified, no target PE, target MU, or target image can be specified.
Action	Specify a target field prior to specifying a target PE, MU, or image.

ARF00105	**Invalid record for filter {name} in {linenumber}**
Explanation	This error may occur if there are concurrent updates on the same transaction filter definition. For example, if one user is modifying a definition at the same time as another user deletes it, this error occurs.
Action	Try saving the transaction filter definition again.

ARF00106	**Value length 0 or exceeds 254**
Explanation	Either no values were specified in the target value list for the transaction filter definition or more than 254 characters were specified.
Action	Review the target value list for the transaction filter definition. If more than 254 characters were specified, change the list to specify fewer characters. If you intend to specify a blank for the target value list, make sure a blank character is coded between the quotation marks (' ').

ARF00107	**Transaction filter saved/updated**
Explanation	The transaction filter definition was successfully updated and saved.
Action	No action is required for this informational message.

ARF00108	**Only one value allowed for condition**
Explanation	More than one value was specified for an LT, LE, GT, or GE condition. Only one value is allowed for these conditions, although more than one value may be specified for the EQ and NE conditions.
Action	Specify only one value for the condition or change the type of condition.

ARF00109	**Odd number of quotation marks**
Explanation	A syntactical error exists in the transaction filter definition.
Action	Review the Event Replicator for Adabas documentation and the help provided with the Adabas Event Replicator Subsystem for the correct syntax of transaction filter definitions. Correct the syntactical error and try again.

ARF00110	**Transaction filter deleted**
Explanation	The selected transaction filter definition has been successfully deleted from the Event Replicator Server database.
Action	No action is required for this informational message.

ARF00111	**Transaction filter not deleted --- Used by subscription {name}**
Explanation	A request to delete a transaction filter definition was canceled because a subscription definition makes reference to it. The name of the subscription definition is given in the message.
Action	Delete the transaction filter definition reference in the subscription definition prior to deleting the transaction filter definition.

ARF00112	**Quotation marks in strings have to be doubled**
Explanation	A syntactical error exists in the transaction filter definition.
Action	Review the Event Replicator for Adabas documentation and the help provided with the Adabas Event Replicator Subsystem for the correct syntax of transaction filter definitions. Correct the syntactical error and try again.

ARF00113	**Invalid Adabas field name**
Explanation	An invalid Adabas field name was specified. The field name must be two characters long with the first character alphabetic and the second character either alphabetic or numeric. No special characters are permitted.
Action	Correct the field name.

ARF00114	**Possible condition values: EQ, NE, LT, LE, GT or GE**
Explanation	An invalid condition value was specified. Valid values are listed in the message.
Action	Correct the condition value.

ARF00115	**Transaction filter not saved**
Explanation	Changes were made to a transaction filter definition, but the definition has not been saved.
Action	Save and replace the existing transaction filter definition or alter the definition name and save it under the new name.

ARF00116	**New Transaction filter added**
Explanation	The transaction filter definition has been successfully added.
Action	No action is required for this informational message.

ARF00117	**Transaction filter replaced**
Explanation	The transaction filter definition was successfully altered and saved.
Action	No action is required for this informational message.

ARF00118	**Enter either a target field or a value**
Explanation	Neither a target field or a target value list was specified. One of these is required for the transaction filter definition.
Action	Specify either a target field or a target value list for the transaction filter definition.

ARF00119	**Number of conditions exceeds 2500 at line {number} of program {name}**
Explanation	Over 2500 conditions were specified for the transaction filter definition. The maximum number of conditions you can specify for a transaction filter definition is 2500. The line number and program name are given in the message.
Action	Remove conditions from the transaction filter definition so that no more than 2500 are specified and try again.

ARF00120	**Total value length exceeds 2000**
Explanation	Over 2000 characters were specified in the target value list for the transaction filter definition. The maximum length of all target value lists is 2000 characters.
Action	Specify fewer values in the target value list and try again.

ARF00121	**You must create the AI format buffer first**
Explanation	While defining file-related parameters, an attempt was made to create a before image format buffer when an after image format buffer does not exist. The after image format buffer must be defined first.
Action	Provide an after image format buffer first.

ARF00122	**AI and BI buffers must be identical**
Explanation	While defining file-related parameters, if **Include Identical Records** is specified as "N", then the before image format buffer must be identical to the after image format buffer.
Action	Either remove the before image format buffer or make it identical to the after image format buffer.

ARF00123	No object found
Explanation	During unload processing, no object was found with the entity and name combination specified.
Action	Check the entity and name specifications and try again.

ARF00124	Cannot save with errors present
Explanation	A request to save an object failed because errors were found in the object.
Action	Correct the errors and try again.

ARF00125	AI GFB must be entered first
Explanation	An attempt was made to specify a before image global format buffer (GFB) definition, but the after image GFB definition must be defined first. This is only true if the value for the **Include Identical Records** field is specified as "N".
Action	Define the after image GFB first.

ARF00126	Transaction Filter is not defined
Explanation	A transaction filter name was specified but the transaction filter has not been defined.
Action	Define the transaction filter first or specify the name of a currently defined filter.

ARF00127	Cannot mix local and global format buffers
Explanation	An attempt was made to combine the use of local and global format buffers. This is not allowed if the value for the **Include Identical Records** field is specified as "N".
Action	Do not mix local and global format buffers.

ARF00128	BI format buffer must be deleted first
Explanation	An attempt was made to delete an after image format buffer when a before image format buffer still exists.
Action	Delete the before image format buffer first.

ARF00130	Maximum length of {parameter-name} is {nnn} characters
Explanation	The number of characters for the RPLOD or RPULD utility parameter named in the message has been exceeded. The maximum number of characters possible for the parameter is also listed in the message.
Action	Correct the parameter specification and try the load or unload function again. For complete information on the RPLOD and RPULD utility parameters, read *RPLOD and RPULD Utilities* in *Event Replicator for Adabas Reference Guide*.

ARF00131	**Resend buffer definition deleted**
Explanation	The resend buffer definition was successfully deleted.
Action	No action is required for this informational message.

ARF00132	**Format buffer generated successfully**
Explanation	The Predict function has been completed successfully.
Action	No action is required for this informational message.

ARF00133	**Required Predict version: 4.4.1; installed: {vrsp}**
Explanation	The version of Predict required to run the selected function is given in the message. The message also indicates which version of Predict is installed in the current environment: *vrsp* identifies the Predict version, release, SM level, and service pack number. If Predict is not installed in the current environment, a remark is shown for *vrsp*.
Action	Verify your environment and install the required version of Predict.

ARF00134	**Global Format Buffer name must not be blank**
Explanation	An attempt was made to save a global format buffer definition when no global format buffer name was specified. A name is required for a global format buffer definition.
Action	Specify a valid global format buffer name.

ARF00135	**Format Buffer must be provided**
Explanation	An attempt was made to save a global format buffer definition when no format buffer was supplied.
Action	Supply a format buffer and try again.

ARF00136	**LFILE has not been set**
Explanation	Errors occurred while attempting to save LFILE parameters on the Set LFILE Parameters screen.
Action	Supply a correct database ID and file number and try again.

ARF00137	**LFILE has been set successfully**
Explanation	This confirms that the LFILE settings were successfully saved or updated on the Set LFILE Parameters screen.
Action	No action is required for this informational message.

ARF00138	**Replicator system file not found**
Explanation	The Replicator system file specified on the Set LFILE Parameters screen cannot be found. Possible reasons are:

- No file was loaded.
- The LFILE parameters are incorrect.

Action	Verify that a file is specified and that the LFILE settings are correct.

ARF00139	**Replicator system file must be available to continue**
Explanation	The Replicator system file specified on the Set LFILE Parameters screen is not available. The only function you can perform using the Adabas Event Replicator Subsystem is option "L" on the System Functions menu, which directs you to the Set LFILE Parameters screen, where you can fix the problem.
Action	Navigate to the Set LFILE Parameters screen and correct the LFILE settings. Otherwise, make the Replicator system file available and try again.

ARF00140	**Field {field-name} (Adabas short name) already defined as primary key**
Explanation	Only one field can be marked as the primary key. The message shows the already-defined primary key field.
Action	To define another field as the primary key, remove the existing primary key flag first.

ARF00141	**Resulting format buffer is empty**
Explanation	The generated format buffer does not contain any field.
Action	Check the Predict file name and the field definitions for this file in Predict.

ARF00142	**Predict Generation Information unlinked**
Explanation	The Predict Generation Information has been successfully unlinked (removed) from the GFB definition.
Action	No action is required for this informational message.

ARF00143	**Replicator system file not available - RSP=148**
Explanation	Adabas response 148 was received while trying to communicate with the Event Replicator Server. The Natural LFILE setting points to a Replicator system file that is currently not available.
Action	Correct the LFILE setting or insure that the Replicator system file is available.

ARF00144	**Database ID deleted**
Explanation	The database ID entry was successfully deleted.
Action	No action is required for this informational message.

ARF00145	**GFB deleted**
Explanation	The GFB entry was successfully deleted.
Action	No action is required for this informational message.

ARF00146	**Possible values are ...**
Explanation	An invalid value was supplied in one of the fields on the Adabas Event Replicator Subsystem screen.
Action	Correct the value in the field that the Adabas Event Replicator Subsystem identifies as invalid.

ARF00147	**Replay process initiated - Token={nnnnn}**
Explanation	This confirms a replay operation was initiated and informs you of the token number associated with the replay process.
Action	No action is required for this informational message.

ARF00148	**Insufficient space in the replication pool**
Explanation	There is insufficient space in the Event Replicator server replication pool. In other words, the value specified by `LRPL` has been exceeded.
Action	Increase the size of the `LRPL` parameter and try again.

ARF00149	**Replay request for undefined database**
Explanation	A replay request was issued for a database not defined to the Event Replicator server.
Action	Correct the DBID in the replay request or define the database to the Event Replicator server.

ARF00150	**Invalid (undefined/outdated) replay token**
Explanation	The replay token is invalid. Either it is not defined or it is outdated.
Action	Specify a valid replay token.

ARF00151	**Requested replay in conflict with existing replay**
Explanation	Replay processing for the same DBID and file number combination is already running.
Action	Request replay processing for a different DBID and file number.

ARF00152	**DATE/TIME format or value incorrect**
Explanation	The value specified for the date or time is not in the correct format or is an invalid value.
Action	Check the syntax of the specified date and time values. Do not specify future date and time values.

ARF00153	**Incorrect replay parameters**
Explanation	The specified replay parameters are incorrect.
Action	Check and correct the replay parameters and try again.

ARF00154	**Replay destination without SLOG closed**
Explanation	A replay destination that was defined without an SLOG was closed at the beginning of replay processing or while the replay was running.
Action	Reopen the closed destination and rerun the replay process for the destination.

ARF00155	**Invalid replay status transition**
Explanation	An invalid replay status transition occurred. Events that change the status of a replay process occurred in an unexpected order.
Action	Notify your Software AG technical support representative.

ARF00156	**Response {nnn} Subcode {nnn} Received from replicator**
Explanation	The response code and subcode listed in the message were received from the Event Replicator.
Action	Review your Adabas documentation for the exact meaning of the listed response code and subcode. Take appropriate action, based on that description.

ARF00158	**Subscription is required**
Explanation	A subscription is required to submit a request to the Event Replicator Target Adapter.
Action	Supply a valid subscription definition name for the Event Replicator Target Adapter request and try again.

ARF00159   **Initial-State name is required**

Explanation An initial-state definition must be specified for populate requests to the Event Replicator Target Adapter.

Action   Supply a valid initial-state definition name for the Event Replicator Target Adapter request and try again.

ARF00160   **Initial-State definition not found**

Explanation The initial-state definition specified for the Event Replicator Target Adapter populate request cannot be found.

Action   Verify that the initial-state definition specified for the Event Replicator Target Adapter populate request is valid and spelled correctly. Then try again.

ARF00161   **Initial-State subscription does not match screen**

Explanation The subscription specified in the Event Replicator Target Adapter populate request must match one of the subscriptions specified in the initial-state definition.

Action   Specify a subscription that is used by the initial-state definition. Then try again.

ARF00162   **Initial-State DBID/FNR does not match screen**

Explanation The DBID and file number specified in the Event Replicator Target Adapter populate request do not match a DBID and file number combination specified in the initial-state definition.

Action   Specify a DBID and file number combination that is used by the initial-state definition. Then try again.

ARF00163   **Subscription does not contain a valid AI GFB**

Explanation The subscription specified for the Event Replicator Target Adapter request does not include a valid after-image global format buffer. Any subscription used in an Event Replicator Target Adapter request must include a generated global format buffer and field table. Global format buffers and field tables can be generated by the Event Replicator for Adabas using appropriate Predict file definitions.

Action   Specify a subscription that includes a generated global format buffer and field table or add one to the subscription. Then try again.

ARF00164   **Subscription not found**

Explanation The subscription definition specified for the Event Replicator Target Adapter request cannot be found.

Action   Verify that the subscription definition specified for the Event Replicator Target Adapter request is valid and spelled correctly. Then try again.

ARF00165	**GFB not found**
Explanation	The global format buffer (GFB) specified by the subscription used in the Event Replicator Target Adapter request cannot be found.
Action	Verify that the GFB definition name specified in the subscription is valid and spelled correctly. Then try again.

ARF00166	**GFB does not contain field table**
Explanation	The global format buffer (GFB) specified by the subscription used in the Event Replicator Target Adapter request does not include a field table. This means that the GFB definition was not generated. Only when the GFB is generated will the field table also be generated.

Global format buffers and field tables can be generated by the Event Replicator for Adabas using appropriate Predict file definitions. |
| **Action** | Specify a subscription for that request that uses a generated GFB and field table or generate a GFB and field table for the subscription in the request. |

ARF00167	**Request successful**
Explanation	The Event Replicator Target Adapter request was successfully submitted.
Action	No action is required for this informational message.

ARF00168	**Response code {nnn} subcode {nnn} received from request**
Explanation	The response code and subcode listed in the message were received from the Event Replicator Target Adapter request.
Action	Review your Adabas documentation for the exact meaning of the listed response code and subcode. Take appropriate action, based on that description.

ARF00169	**A timeout occurred while running Synchronized Replay**
Explanation	A timeout occurred while the Event Replicator Server was waiting for the end of a synchronization process after reactivating replication for a file in Adabas. The synchronization process ends when all transactions have finished that had updated the file before it was reactivated.
Action	Wait until the Event Replicator Server reports the activation of the file (ADAF2L message). Then run a new replay job.

ARF00171	**There is insufficient space in the nucleus pool**
Explanation	There is insufficient space in the nucleus replication pool. In other words, the value specified by `LRPL` has been exceeded.
Action	Increase the `LRPL` size of the nucleus and try again.

ARF00172	**Subscription specified in a status request is undefined**
Explanation	The subscription specified in a status request is undefined.
Action	Correct the subscription specified in the status request and try again.

ARF00173	**The initial-state name specified was not found**
Explanation	The specified initial-state name was not found.
Action	Correct the initial-state name or create an initial-state definition by that name. Then try again.

ARF00174	**End date must be greater than start date**
Explanation	The end date specified for the request must be later than the start date.
Action	Correct the dates and try again.

ARF00175	**End time must be greater than start time**
Explanation	The end time specified for the request must be later than the start time.
Action	Correct the times and try again.

ARF00178	**Destination name not found**
Explanation	One of the destinations requested for replay processing could not be found.
Action	Verify that the names of the destination definitions in the destination list are specified accurately. Then try again.

ARF00179	**Subscription name not found**
Explanation	One of the subscriptions requested for replay processing could not be found.
Action	Verify that the names of the subscription definitions in the subscription list are specified accurately. Then try again.

ARF00180	**Destination is not active**
Explanation	One of the destinations listed in the destination list for replay processing is not active.
Action	Either activate the destination definition or remove it from the list for replay processing. Then try again.

ARF00181	**Subscription not active**
Explanation	One of the subscriptions listed in the subscription list for replay processing is not active.
Action	Either activate the subscription definition or remove it from the list for replay processing. Then try again.

ARF00182	**File is not active**
Explanation	The file requested for replay processing is not active.
Action	Activate the file. Then try again.

ARF00183	**No files for subscription**
Explanation	No files were found for a subscription specified in the subscription list for replay processing.
Action	Check the subscriptions requested for replay processing and verify that they are complete and include SFILE definitions. Then try again.

ARF00185	**Destination does not receive data**
Explanation	One of the destinations specified in the destination list for a replay run does not receive replication data. No data can replayed for this destination.
Action	Review the list of destinations specified for replay and alter it as necessary.

ARF00186	**Subscription does not reference any destination**
Explanation	A subscription definition in the subscription list for replay processing does not reference any destination definition. It is incomplete.
Action	Complete the subscription definition and try again.

ARF00187	**Data from file does not flow to any destination**
Explanation	A file specified for replay is not processed by any subscription, so replicated data from the file does not flow to any destination. Data for the file could not be found in the PLOG.
Action	Add the file to a subscription definition, let replication processing run for a while, and then try again.

ARF00188	**No data flow for destination**
Explanation	A destination definition requested for replay is not referenced by any subscription. No PLOG data exists for the destination.
Action	Add the destination to a subscription definition, let replication processing run for a while, and then try again.

ARF00189	**Input queue with same name already exists**
Explanation	An input queue definition with the same name already exists Each input queue definition name must be unique.
Action	Change the input queue definition name and try again.

ARF00190	**PLOG records deleted**
Explanation	A request to delete the selected PLOG information record and all prior PLOG information records has completed.
Action	No action is required for this informational message.

ARF00191	**Duplicate destinations not allowed**
Explanation	A replay request included duplicate destination names.
Action	Review the destinations you specified and remove the duplicates.

ARF00192	**Duplicate subscriptions not allowed**
Explanation	A replay request included duplicate subscription names.
Action	Review the subscriptions you specified and remove the duplicates.

ARF00193	**Restart RPL Usage must be less than Maximum RPL Usage**
Explanation	The value specified for the `Restart RPL Usage` global parameter setting is greater than the `Maximum RPL Usage` global parameter setting.
Action	Reduce the setting for the `Restart RPL Usage` global parameter or increase the value for the `Maximum RPL Usage` global parameter.

ARF00194	**File-related info not deleted --- Used by Initial-State {is-def}**
Explanation	A request to delete file-related information from a subscription was canceled because an initial-state definition makes reference to it. The name of the initial-state definition is given in the message.
Action	Remove references to the subscription from the initial-state definition and try again.

ARF00195	IDBID/IFILE deleted
Explanation	An IDBID/IFILE specification in an initial-state definition was successfully deleted.
Action	No action is required for this informational message.

ARF00196	Start Date/Time must be less than or equal to From Date/Time
Explanation	The start time specified for the replay request must be earlier or the same as the from time specified for the replay request.
Action	Correct the times and try again.

ARF00197	Destination Class must be present to enter data
Explanation	Data was entered in the Destination Class Parameter Data field, but no value was specified for the Destination Class field. You cannot supply a value for the Destination Class Parameter Data field without first supplying a Destination Class value.
Action	Supply a value in the Destination Class field or delete the data in the Destination Class Parameter Data field.

ARF00198	GFB must be generated by Predict
Explanation	A subscription references a destination that has a Destination Class of SAGTARG. When this condition is true, any GFB specified in the subscription must be generated by Predict. For more information on how to generate your GFBs, read *Generating a GFB using the Adabas Event Replicator Subsystem* (in *Adabas Event Replicator Subsystem User's Guide*) or *Generating a GFB using Event Replicator Administration* (in *Event Replicator Administration User's Guide*).
Action	Supply a GFB that was generated by Predict.

ARF00199	Initial-State not found
Explanation	The initial-state definition you selected to populate a database could not be found in the Replicator system file.
Action	Specify an existing initial-state definition, or add one and then select it.

ARF00200	Only type I (ISN) files can be edited
Explanation	Only files that require an ISN list as a filter can be edited on the **Perform Initial-State** screen. An attempt was made to edit a file that does not require an ISN list filter.
Action	Do not type an "E" next to any files that do not have a filter type of "I" (check the **I** column on the screen).

ARF00201	**You must enter data before submitting**
Explanation	An attempt was made to submit the initial-state definition for processing, but it failed because one of the files requires an ISN list filter or a value buffer that has not yet been specified.
Action	Enter an "E" next to every file on the **Perform Initial-State** screen that has a filter type of "I" or "S". Another Adabas Event Replicator Subsystem screen appears on which you can specify ISNs or a value buffer for the file.

ARF00202	**Entered ISN data is not contiguous**
Explanation	The ISN list on the **Specify ISNs** screen is not specified correctly. There are blanks in the ISN list. The only characters allowed are numbers, commas, and parentheses.
Action	Remove any blanks from the ISN list.

ARF00203	**Invalid characters in ISN data**
Explanation	The ISN list on the **Specify ISNs** screen is not specified correctly. There are invalid characters in the ISN list. The only characters allowed are numbers, commas, and parentheses.
Action	Correct the ISN list. Separate multiple ISNs with commas (no blanks). If you want to specify a range of ISNs, specify them in parentheses. For example, the following ISN list selects ISNs 111 and 222, all the ISNs between 333 and 666, and ISN 9999.

```
111,222,(333,666),9999
```

ARF00204	**Unbalanced parentheses**
Explanation	The ISN list on the **Specify ISNs** screen is not specified correctly. An uneven number of open and closed parentheses are specified.
Action	Verify that both an open and closed parenthesis are provided if you are specifying an ISN range. The following example correctly specifies a range of ISNs falling between 333 and 555.

```
(333,555)
```

If you are not specifying an ISN range, remove parentheses from the ISN list.

ARF00205	**Two values are required for a range**
Explanation	The ISN list on the **Specify ISNs** screen is not specified correctly. An ISN range is indicated, but using only one number.
Action	Verify that two numbers are provided if you are specifying an ISN range. The following example correctly specifies a range of ISNs falling between 333 and 555.

```
(333,555)
```

If you are not specifying an ISN range, remove the parentheses from the ISN list. Parentheses indicate that an ISN range is being specified.

ARF00206	**Comma missing after range**
Explanation	The ISN list on the **Specify ISNs** screen is not specified correctly. A comma is missing.
Action	Correct the use of commas in the ISN list. Commas should be used to separate individual ISNs in the list and any ISN range specifications from the rest of the list. Note the use of commas in the following correct ISN list that selects ISNs 111 and 222, all the ISNs between 333 and 666, and ISN 9999.

```
111,222,(333,666),9999
```

ARF00207	**ISN ranges must be in ascending order**
Explanation	The ISN list on the **Specify ISNs** screen is not specified correctly. A range in the ISN list is not specified in ascending order.
	When specifying a range in the ISN list, you must be sure that the lowest ISN of the range is listed first, followed by the highest ISN in the range.
Action	Correct the ISN range specification.

ARF00208	**Initial-state name not found**
Explanation	The initial-state definition you selected to populate a database could not be found in the Replicator system file.
Action	Specify an existing initial-state definition, or add one and then select it.

ARF00209	**Wrong ISN list**
Explanation	The ISN list on the **Specify ISNs** screen is not the correct ISN list.
Action	Verify that the ISN list filters on the **Specify ISN** screens are specified correctly, as required for each file on the **Perform Initial-State** screen.

ARF00210	**Selection data not allowed for type A initial-state**
Explanation	Filter data is not allowed for the initial-state definition of filter type A records (see the **I** column on the **Perform Initial-State** screen).
Action	Do not type an "E" next to any files that do *not* have a filter type of "I" (check the **I** column on the screen).

ARF00211	Initial-State request received after ADAEND or HALT
Explanation	An initial-state request was issued to a Event Replicator Server address space that was terminating as a result of an ADAEND or HALT command. An initial-state request may only be issued when the Event Replicator Server is active.
Action	Reissue the initial-state request after the Event Replicator Server has been started.

ARF00212	Num of concurrent initial-state requests exceeded
Explanation	The number of active concurrent initial-state requests exceeded the IMAXREQ parameter setting. For more information about the IMAXREQ parameter, read *IMAXREQ* in *Event Replicator for Adabas Reference Guide*.
Action	Increase the IMAXREQ setting or reduce the number of active concurrent initial-state requests.

ARF00213	ISN entry too long
Explanation	The ISN list on the **Specify ISNs** screen is not specified correctly. An ISN in the list is longer than nine characters. An ISN in the list can be a maximum of nine characters long.
Action	Correct the ISN list. If your ISN is really larger than nine characters in length, contact your Software AG technical support representative for assistance.

ARF00214	Data missing after last comma
Explanation	The ISN list on the **Specify ISNs** screen is not specified correctly. A continuation in the list is indicated by a comma, but no additional ISN data is provided.
Action	Either remove the comma (if there are no additional ISNs or ISN ranges to specify) or complete the ISN list. The ISN list should not end with a comma.

ARF00215	Values cannot be specified for METHOD=ISN
Explanation	In an Adabas destination definition, the Replication Method specified was ISN for a given DBID/file combination's file-related parameters. If this parameter is set to ISN, no other file-related parameters for that DBID/file combination can be specified.
Action	Do not enter values for the other file-related parameters if the Replication Method is set to ISN. If you set the Replication Method to KEY, you may specify the other parameters.

ARF00216	Do not specify both "*" and destination names
Explanation	An automated replay request was made using an asterisk specified in the first destination space of the Destination Name List field. This includes all destinations definitions in the request. If you use an asterisk to select all destinations for the replay request, you cannot also add another specific destination or select one from a list.
Action	To add a specific destination or select one from a list, remove the asterisk from the first destination space of the Destination Name List field.

ARF00217	Do not specify both "*" and subscription names
Explanation	An automated replay request was made using an asterisk specified in the first subscription space of the Subscription Name List field. This includes all subscription definitions in the request. If you use an asterisk to select all subscriptions for the replay request, you cannot also add another specific subscription or select one from a list.
Action	To add a specific subscription or select one from a list, remove the asterisk from the first subscription space of the Subscription Name List field.

ARF00218	Value buffer length must be entered
Explanation	A value buffer length was not specified on the **Specify Value Buffer** screen while you were trying to perform an initial-state. If a DBID/file combination includes a search buffer, a value buffer and the length of the value buffer must be specified.
Action	Enter a valid value for the length of the value buffer.

ARF00219	Duplicate source DBID/FILE combinations are not allowed
Explanation	The same DBID/file combination was defined for more than one target in an Adabas destination definition.
Action	Remove the duplicate.

ARF00220	Only valid entries can be marked
Explanation	You have selected a blank line of input and target DBIDs and files on the **Adabas Destination Definition** panel.
Action	Select a line that has input and target DBIDs and files specified or supply input and target DBIDs and files on the selected line.

ARF00221	Duplicate DBid and File exist -- invalid {add|change}
Explanation	When specifying an SFILE definition for a subscription, you tried to add a new DBID/file combination or change a DBID/file combination but specified a combination that already exists for this subscription.
Action	Specify a unique DBID/file combination for each SFILE definition within a subscription.

ARF00222	**Request rejected, a related file is not active**
Explanation	After requesting that an initial-state be performed (by selecting the **Perform Initial-State** option on the **Administration** panel), the returned response and subcodes indicate that a file related to the initial-state definition you attempted to run is not active.
Action	Examine the error and current status of the file and determine why the file is not active. If the problem persists, contact your Software AG support representative for assistance.

ARF00223	**Only the first {destination|subscription} may have an asterisk**
Explanation	When selecting a destination or subscription, only the first entry may contain an asterisk.
Action	Correct your specifications.

ARF00224	**Asterisk is only allowed in the first cell**
Explanation	Only the first entry may contain an asterisk.
Action	Correct your specifications.

ARF00225	**Predict not available for edit**
Explanation	The global format buffer (GFB) you have selected to edit was created with Predict, but predict is not available in this Natural environment.
Action	Either install Predict in this Natural environment or edit the GFB in a Natural environment in which Predict is already installed and then import the GFB into the original Natural environment.

ARF00226	**Destination {destname} does not exist in a subscription**
Explanation	The initial-state definition includes references to both destination and subscription definitions. The destination identified in the message (*destname*) does not exist in the subscriptions of the initial-state definition being defined or modified. The Event Replicator Server detects this inconsistency and produces an error condition at startup or when an RPLREFRESH is attempted for the initial-state definition. The destinations specified in an initial-state definition must also exist in one of the subscriptions referenced by the initial-state definition.
	When both destination and subscription definitions are specified in an initial-state definition, the destinations must correlate to destinations specified by the subscriptions. Likewise, at least one destination specified by each subscription must be referenced by the initial-state definition. In addition, any destinations referenced in the initial-state definition must be identified as able to send initial-state data (using the **I** field on the **Destination List** panel within the subscription definition).

Action	Make sure that all of the destinations used by your initial-state definition also exist in one of the subscription destinations referenced by your initial-state definition. Then try again.

ARF00227	**Destination {destname} in subsc {subsname} does not send i-s data**
Explanation	The initial-state definition includes references to both destination and subscription definitions. The destination listed in the message (*destname*) was found in the subscription listed in the message (*subsname*), but it is not marked in the subscription definition as being able to send initial-state data. The Event Replicator Server detects this inconsistency and produces an error condition at startup or when an RPLREFRESH is attempted for the initial-state definition.
	When both destination and subscription definitions are specified in an initial-state definition, the destinations must correlate to destinations specified by the subscriptions. Likewise, at least one destination specified by each subscription must be referenced by the initial-state definition. In addition, any destinations referenced in the initial-state definition must be identified as able to send initial-state data (using the **I** field on the **Destination List** panel within the subscription definition).
Action	Make sure that any destinations used by your initial-state definition and included in the associated subscription definitions are marked as able to send initial-state data. This setting is specified by setting the **I** field to "Y" on the **Destination List** panel line associated with the destination in the subscription definition. Then try again.

ARF00228	**Subsc {subsname} has no matching dest in i-s dest list**
Explanation	The initial-state definition includes references to both destination and subscription definitions. None of the destinations specified by the subscription listed in the message (*subsname*) are included in the initial-state definition, as is required. The Event Replicator Server detects this inconsistency and produces an error condition at startup or when an RPLREFRESH is attempted for the initial-state definition. The destinations specified by a subscription (that is included in an initial-state definition) must also be included in the initial-state definition.
	When both destination and subscription definitions are specified in an initial-state definition, the destinations must correlate to destinations specified by the subscriptions. Likewise, at least one destination specified by each subscription must be referenced by the initial-state definition. In addition, any destinations referenced in the initial-state definition must be identified as able to send initial-state data (using the **I** field on the **Destination List** panel within the subscription definition).
Action	Make sure to include in the initial-state definition any destinations specified by any subscriptions included in the initial-state. Then try again.

ARF00229	**Subsc {subsname} has no i-s data flow for dest {destname}**
Explanation	The initial-state definition includes references to both destination and subscription definitions. The destination listed in the message (*destname*) was found in the subscription listed in the message (*subsname*), but the destination is not marked in the subscription definition as being able to send initial-state data. The Event Replicator Server detects this inconsistency and produces an error condition at startup or when an RPLREFRESH is attempted for the initial-state definition.
	When both destination and subscription definitions are specified in an initial-state definition, the destinations must correlate to destinations specified by the subscriptions. Likewise, at least one destination specified by each subscription must be referenced by the initial-state definition. In addition, any destinations referenced in the initial-state definition must be identified as able to send initial-state data (using the **I** field on the **Destination List** panel within the subscription definition).
Action	Make sure that any destinations used by your initial-state definition and included in the associated subscription definitions are marked as able to send initial-state data. This setting is specified by setting the **I** field to "Y" on the **Destination List** panel line associated with the destination in the subscription definition. Then try again.

ARF00230	**Userexit required when Replicate for Delete = U**
Explanation	When the **Replicate for Delete** field is set to "U" in an SFILE definition, a subscription user exit name must be supplied in the **Subscription User Exit** field. The subscription user exit can then process replicated physical delete transactions on your target database as you choose. It can decide if the physical delete transaction should be:

- physically deleted from your target database

- converted to an update

- ignored and not sent at all.

Action	Specify a subscription user exit name or change the setting of the **Replicate for Delete** field.

ARF00231	**Dest. found in Subsc. {subsname} w/o matching DBid {dbid} File {fn}**
Explanation	An input DBID/file combination was added to a destination definition, but a subscription that references the destination definition does not include a comparable SFILE definition for the DBID/file combination. You will not be able to save the destination definition until the problem is resolved.
Action	Add the SFILE definition for the new DBID/file combination first. Then update the destination definition.

ARF00232	**{xxxxxx} begin + length > 32767**
Explanation	When setting Source Begin and Length values or Target Begin and Length values, the sum of these values cannot exceed 32767. You will not be able to save the transaction filter until the problem is resolved.
Action	Examine and correct the values for the appropriate Begin and Length fields. Then save or update the transaction filter definition.

ARF00233	**Replic.for {fx}=N invalid when Replic.security file=Y**
Explanation	When the **Replicate Security File** field is set to "Y", the **Replicate for Delete**, **Replicate for Insert**, and **Replicate for Update** fields must also be set to "Y". The **Replicate Security File** field specifies the value of the SFSECURITYFILE parameter.
Action	Examine and correct the values for the appropriate field. Then save or update the definition.

ARF00234	**Incl.Identical Records=N invalid when Replic.security file=Y**
Explanation	When the **Replicate Security File** field is set to "Y", the **Include Identical Records** field must also be set to "Y". The **Replicate Security File** field specifies the value of the SFSECURITYFILE parameter.
Action	Examine and correct the values for the appropriate field. Then save or update the definition.

ARF00235	**Default Code={nnnn} invalid when Replic.security file=Y**
Explanation	When the **Replicate Security File** field is set to "Y", the **Default Code** field must be null. The **Replicate Security File** field specifies the value of the SFSECURITYFILE parameter.
Action	Examine and correct the values for the appropriate field. Then save or update the definition.

ARF00236	**Subscription user exit invalid when Replic.security file=Y**
Explanation	When the **Replicate Security File** field is set to "Y", the **Subscription User Exit** field must be null. The **Replicate Security File** field specifies the value of the SFSECURITYFILE parameter.
Action	Examine and correct the values for the appropriate field. Then save or update the definition.

ARF00237	**Transaction filter invalid when Replic.security file=Y**
Explanation	When the **Replicate Security File** field is set to "Y", the **Transaction Filter** field must be null. The **Replicate Security File** field specifies the value of the `SFSECURITYFILE` parameter.
Action	Examine and correct the values for the appropriate field. Then save or update the definition.

ARF00238	**FBs or GFBs are invalid when Replic.security file=Y**
Explanation	When the **Replicate Security File** field is set to "Y", no format buffers or global format buffers can be specified. The values of the **Before Image FB**, **After Image FB**, **Key-Related Before Image FB**, **Before Image GFB Name**, **After Image GFB Name**, and **Key-Related GFB Name** must be null. The **Replicate Security File** field specifies the value of the `SFSECURITYFILE` parameter.
Action	Examine and correct the values for the appropriate field. Then save or update the definition.

23 ARXM* - Event Replicator for Adabas Messages for Event Replicator Target Adapter

ARXML001I	**XML TA Exit Startup for {dest-name} - Version {n.n.n.n} Built: {yyyymmdd}**
Explanation	Event Replicator Target Adapter initialization processing for destination *dest-name* has been started. The Event Replicator Target Adapter version (*n.n.n.n*) and the date (*yyyymmdd*) the Event Replicator Target Adapter code was built are also given in the message.
Action	No action is required for this informational message.

ARXML002I	**XML TA Exit {dest-name} Terminating**
Explanation	Event Replicator Target Adapter termination processing for destination *dest-name* has been started.
Action	No action is required for this informational message.

ARXML003I	**Destination {dest-name} now active for {jobname}**
Explanation	Event Replicator Target Adapter processing for destination *dest-name* has been activated. The job name (*jobname*) of the Event Replicator Server is also given in the message.
Action	No action is required for this informational message.

ARXML004I	**Received {code} event for {dest-name}**
Explanation	Event Replicator Target Adapter processing received the internal event code (*code*) listed in the message for destination *dest-name*.
Action	No action is required for this informational message.

ARXML005S	**Required field table information missing for subscription {subs-name}**
Explanation	Required field table information was missing for subscription *subs-name* during Event Replicator Target Adapter processing. This information is required for building the XML messages used in Event Replicator Target Adapter processing.
Action	Verify that you have *generated* a global format buffer (GFB) for the subscription. If you do not *generate* a global format buffer using the tools provided in the Adabas Event Replicator Subsystem or in Event Replicator Administration, or if you elect to code a GFB by hand, the required field table information is not constructed for use by the Event Replicator Target Adapter. For more information, read one of the following sections:

■ *Generating a GFB using the Adabas Event Replicator Subsystem*, in *Adabas Event Replicator Subsystem User's Guide*

■ *Generating a GFB using Event Replicator Administration*, in *Event Replicator Administration User's Guide*.

For more information about correctly activating Event Replicator Target Adapter processing, read *Activating Event Replicator Target Adapter Processing*, in *Event Replicator Target Adapter User Guide*.

If the problem persists, contact your Software AG support representative.

ARXML006I	**Schema generation for {subs-name} triggered**
Explanation	An internal schema is being generated by Event Replicator Target Adapter, based on the field information provided in subscription *subs-name*. This internal schema maps the replicated data that the Event Replicator Target Adapter then transforms and applies to your relational database.
Action	No action is required for this informational message.

24 CWARN* - Caching Facility Error Messages

When errors are detected during the processing of the input statements, the appropriate warning message is displayed indicating the cause of error. The remaining portion of the statement is ignored and processing continues with the next statement. All input statements and warning messages are displayed only on DD/PRINT.

> **Note:** Messages generated during Adabas Caching Facility operations are documented in *Adabas Console Messages (ADANnn)* starting with ADAN80.

CWARN-126	Illegal RABN range, overlapping extents
Explanation	A CASSOxxx or CDATAxxx parameter specified a RABN range that overlaps a previously specified RABN range. Adabas Caching Facility ignores this latest RABN range.

CWARN-127	Illegal starting/ending RABNs
Explanation	A CASSOxxx or CDATAxxx parameter specified an invalid RABN; that is, a RABN equal to zero, or an ASSO RABN range that falls entirely within the restricted ASSO RABNs 1-30.

CWARN-128	Retry < 60, setting to 60
Explanation	The CRETRY parameter must be set between 60 and 2,147,483,647. The specified value is less than 60; the default is 60.

CWARN-129	**RABN(s) outside of GCB, RABN(s) ignored**
Explanation	A CASSOxxx or CDATAxxx parameter specified a RABN range that exceeded the highest RABNs contained in the GCBs. Adabas Caching Facility ignores the remaining parameters that specify RABN ranges.

CWARN-130	**A/D DSS < 81,920, using default size**
Explanation	A CASSOMAXS or CDATAMAXS parameter specified a value less than 81,920. The default for CASSOMAXS or CDATAMAXS os used.

CWARN-131	**CRETRY > 2,147,483,647, setting to maximum**
Explanation	The CRETRY parameter must be set between 60 and 2,147,483,647. The specified value is greater than the maximum; the default is the maximum 2,147,483,647.

CWARN-132	**CWORK2FAC/CWORK3FAC cannot exceed 100**
Explanation	The percentage factor cannot exceed 100 percent. The invalid factor is ignored, and the default 0 is taken.

CWARN-133	**CMAXCSPS > 16, setting to 16**
Explanation	The CMAXCSPS parameter must be set between 1 and 16. The specified value is greater than 16; the default is 16.

CWARN-134	**Incorrect CSTO or CWORKSTO storage type**
Explanation	A CSTORAGE or CWORKSTORAGE parameter did not specify extended memory, data space, hiperspace, or 64-bit virtual storage. If the error occurred for CSTORAGE, no storage type is established. If the error occurred for CWORKSTORAGE, the default type of DATASPACE is established.

CWARN-135	**CBUFNO invalid in SMP or sysplex**
Explanation	The CBUFNO parameter is not supported in an Adabas Parallel Services or an Adabas Cluster Services environment. Adabas Caching Facility ignores the parameter.

CWARN-136	**CEXCLUDE invalid in SMP or sysplex**
Explanation	The CEXCLUDE parameter is not supported in an Adabas Parallel Services or an Adabas Cluster Services environment. Adabas Caching Facility ignores the parameter.

CWARN-140   **File caching parameter error; invalid {xxxx}**

Explanation   While processing a request to start caching for a file, an error was encountered in the
                         data supplied on the request. This can be caused by errors in CFILE parameters, CFILE
                         operator commands, or operator requests. The request is rejected and the file is not
                         cached.

XXXX	description of error as follows:	
	File number	file number does not exist
	Scope	the scope is not ASSO, DATA, or BOTH
	Class of service	the class is not 1 through 5
	Cache type	the type is not extended memory, data spaces, hiperspace, or 64-bit virtual storage.

Note: Virtual 64 and h i perspace are not available i n all environments and, if
requested, may generate the above error.

Action   Correct the invalid CFILE parameter, correct the CFILE operator command, and
                    reissue it or issue a valid Adabas Online System request.

25 DSF* - Delta Save Facility Messages

This section lists and describes all messages that can occur when operating the Adabas Delta Save Facility.

For messages displayed on the operator console, each line begins with the message number followed by the database ID. For messages returned in the job protocol, the message number occurs only once and the database ID is not displayed.

The following message groups are described:

Nucleus-Related Console Messages (DSF001 - DSF029, DSF02A-D)

This section lists and describes all messages displayed by the Delta Save Facility during an Adabas nucleus session. These messages all appear on the operator console.

DSF001	**Running with Delta Save Facility**
Explanation	The nucleus has been started with ADARUN parameter DSF=YES. Delta Save functions can be performed in this nucleus session.

DSF002	**The DSF logging area is not installed**
Explanation	This is a Delta Save Facility status message. Delta save operations require a Delta Save logging (DLOG) area, which must be created.
Action	To run with Delta Save, use the Adabas Online System Install DSF function to define the logging area.

DSF003	**DSF logging is disabled**
Explanation	This is a Delta Save Facility status message. Delta save operations are not possible.

DSF004	**DSF logging is enabled**
Explanation	This is a Delta Save Facility status message. Delta save operations are possible in this status.

DSF005	**{count} DLOG area blocks out of {total} used ({nn}%)** **Pending DLOG area overflow; perform Delta Save operation**
Explanation	This message indicates how much of the Delta Save logging (DLOG) area is being used. The second line of the message is only printed if the DLOG area usage is 90 percent or more; that is, nearly full. If the area overflows, Delta Save operations will no longer be possible.
Action	If DLOG area overflow is pending, perform a Delta Save operation before the area overflows.

DSF006	**DSF logging area not initialized** **Reinstall the DLOG area**
Explanation	Initialization of the Delta Save logging (DLOG) area was interrupted. The DLOG area must be installed again.
Action	Remove the DLOG area and install it again.

DSF007	**DSF logging area not initialized** **DSF logging not enabled at end of save**
Explanation	Initialization of the Delta Save logging (DLOG) area was interrupted. An online full save operation was completed but Delta Save logging was not enabled at the end of the save. Delta save operations are still not possible.
Action	Remove the DLOG area and install it again. Perform another full save operation.

DSF008	**I/Os initiated by Delta Save Facility:** **{read-count} reads, {write-count} writes**
Explanation	This message, which is printed during shutdown of the Adabas nucleus, indicates the number of I/O operations initiated by Delta Save during the current nucleus session.

DSF011	**Online full save operation completed**
Explanation	Unless this message is displayed, an online full save operation with the Delta Save Facility is not successful, even though ADASAV may have already closed the output save data set.
Action	The Delta Save logging area is reset. If Delta Save logging was disabled, it will be enabled.

DSF012	**Online Delta Save operation completed**
Explanation	Unless this message is displayed, an online Delta Save operation is not successful, even though ADASAV may have already closed the output save data set.
Action	The Delta Save logging area is reset.

DSF013	**Delta Save ID = {fsnum} / {dsnum} / {date-time}**
Explanation	This message follows messages DSF005, DSF011, or DSF012. It displays the Delta Save identification of the most recent completed full or Delta Save operation. $fsnum$ is the full save number, and $dsnum$ is the number of the Delta Save operation.

DSF014	**DSF loggin has been enabled**
Explanation	This message follows messages DSF011 and DSF013 if Delta Save logging was previously disabled. It was enabled at the end of the operation. Delta save operations are now possible.

DSF015	**Disable DSF requested by AOS command**
Explanation	A Disable DSF command was issued by Adabas Online System.
Action	Delta Save logging will be disabled.

DSF016	**DSF logging has been disabled**
Explanation	The reason for this follows from a preceding message. Delta save operations are no longer possible.
Action	Perform a full save operation before retrying a Delta Save operation.

DSF017	**Initializing the DSF logging area**
Explanation	An Install DSF or Change DLOG Area command has been issued through Adabas Online System.
Action	The Delta Save logging area is now being initialized. Message DSF018 indicates that initialization is complete.

DSF018	**The DSF logging area has been {installed	changed}**
Explanation	An Install DSF or Change DLOG Area command was completed.

DSF019	**The DSF logging area has been removed**
Explanation	A Remove DSF command was performed, or the nucleus was started with DSF=NO and has removed the Delta Save logging area.

DSF020	**DSF logging area overflow**
Explanation	The volume of changes made to the database exceeded the capacity of the Delta Save logging (DLOG) area. The DLOG area is full. No more Delta Save operations are possible. Delta Save logging will be disabled.
Action	Perform a full save operation before retrying a Delta Save operation. Increase the DLOG area or the frequency of Delta Save operations in order to avoid future DLOG area overflow.

DSF021   **I/O error {reading | writing } DLOG RABN {rabn}**

Explanation   An I/O error occurred within the Delta Save logging (DLOG) area on the specified Associator RABN.

                    If Delta Save logging is enabled, it will be disabled.

Action   Determine the cause of the I/O error and eliminate it. Remove the DLOG area and install it again.

DSF022   **Fatal I/O error {reading | writing} DLOG header RABN {rabn}**

Explanation   An I/O error occurred on the first block (the specified RABN) of the Delta Save logging (DLOG) area.

                    Caution: Warning: Do not try to execute a Delta Save operation if this error occurs. Even though the Delta Save may end successfully, the output may be invalid.

                    The Delta Save Facility terminates the nucleus abnormally.

Action   Determine the cause of the I/O error and eliminate it. Remove the DLOG area and install it again.

DSF023   **DLOG area header RABN {rabn} bad (# {rr})**
                    Reinstall DLOG area or
                    DLOG area detail RABN {rabn} bad (# {rr} at +{xxxx}
                    Reinstall DLOG area

Explanation   An inconsistency was detected in the specified block (*rabn*) of the Delta Save logging (DLOG) area. *rabn* is the Associator block number, *rr* is an internal reason code, *xxxx* the offset within the block where the error appeared.

                    If Delta Save logging is enabled, it will be disabled.

Action   Determine the cause of the problem; consult your Software AG technical support representative if necessary. Remove the DLOG area and install it again.

DSF024   **Inconsistent Delta Save ID in DLOG RABN {rabn}**

Explanation   An inconsistency was detected in the specified block (*rabn*) of the Delta Save logging (DLOG) area. *rabn* is the Associator block number.

                    If Delta Save logging is enabled, it will be disabled.

Action   Determine the cause of the problem; consult your Software AG technical support representative if necessary. Remove the DLOG area and install it again.

DSF025	**DSF logging not disabled because READONLY=YES**
Explanation	An attempt to disable Delta Save logging failed because the nucleus was started with READONLY=YES.
	Another attempt will be made to disable Delta Save logging in the next nucleus session.
Action	Shut down the nucleus and restart it with READONLY=NO so that Delta Save logging can be disabled.

DSF026	**Unlogged RABN(s) detected: {type start-rabn end-rabn}**
Explanation	An internal cross-check detected that database blocks were written that had not been logged by Delta Save. The type (Asso/Data) and range of RABNs written are displayed.
	Delta Save logging will be disabled.
Action	This is a serious problem. Contact your Software AG technical support representative. Perform a full save operation before retrying a Delta Save operation.

DSF027	**Insufficient memory (trying to allocate {count} bytes)**
Explanation	The Delta Save Facility was not able to obtain sufficient memory for its operation. The number of bytes of memory specified by *count* were requested.
	The start of the nucleus session is ended.
Action	Increase the region/partition of the nucleus job/task or decrease the memory requirements derived from the nucleus parameters.

DSF028	**DSF version mismatch; reinstall DLOG area**
Explanation	The version of the Delta Save Facility software and the version of the Delta Save logging (DLOG) area are different and incompatible.
	If Delta Save logging is enabled, it will be disabled.
Action	Remove the DLOG area and install it again.

DSF028	**Converting from DSF {xx} to DSF {yy}**
Explanation	The format of the Delta Save logging (DLOG) area is converting from version *xx* to version *yy*. This occurs during conversion of an older Adabas version to a newer one.
	Depending on the versions of the Delta Save Facility (that is, *xx* and *yy*), Delta Save logging may be disabled if it is enabled.
Action	If Delta Save logging is disabled, perform a full save operation before retrying a new Delta Save operation.

DSF029	DSF internal error at ADADSFN + {offset} ({reason-code}) R0-R3 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx} R4-R7 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx} R8-R11 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx} R12-R15 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}
Explanation	An internal error occurred at the specified *offset* in module ADADSFN. *reason-code* is an internal reason code. The register settings at the time of the error are shown. If Delta Save logging is enabled, it will be disabled.
Action	Consult with your Software AG technical support representative to determine the cause of the problem. Perform a full save operation before retrying a Delta Save operation.

DSF02A	Percentage error in DSF user exit; {nn}% is used
Explanation	The DSF user exit returned an invalid threshold value (percentage of DLOG area usage at or above which Adabas is to call the exit). Adabas calls the DSF user exit when the usage of the DLOG area is nn% or more.

DSF02C	Current DLOG block not found in cache, read from disk
Explanation	The DLOG block currently referenced is not in the coupling facility cache structure and must be read anew from the disk data sets.

DSF02C	Current DLOG block written to cache
Explanation	The DLOG block currently referenced is already held in the coupling facility cache structure.

DSF02D	Write of current DLOG block to cache failed
Explanation	An attempt to write the DLOG block currently referenced from a disk data set to the coupling facility cache structure failed. Probably, the cache structure is full.
Action	Enlarge the size of the cache.

Utility-Related Job Protocol Messages for ADARES and ADASAV (DSF030 - DSF099)

The messages in this section are displayed by the Delta Save Facility during ADARES or ADASAV utility execution. They can occur in Adabas utility operations, either as direct utility messages or as the result of utility-related nucleus operation.

Most messages appear in the utility job protocol (DD/DRUCK or SYSLST); others appear in the ADARUN protocol (DD/PRINT, SYS009 or SYSOUT). A few messages appear in the utility job protocol as well as on the operator console; this is indicated in the explanation of these messages.

> **Note:** Messages begin with the relevant database ID when they are written to the operator console.

DSF030	**DSIM dataset omitted from PLCOPY processing**
Explanation	The ADARUN parameter DSF=YES was specified for a PLCOPY execution but no Delta Save images (DSIM) data set was supplied in the job control.
	No system action occurs; no online save information is extracted from the protection log.
Action	If Delta Save online save and merge operations are to be performed, specify a DSIM data set for the PLCOPY executions.

DSF031	**SYN1 checkpoint encountered on protection log PLOGNUM={plog-number} BLOCKNUM={rabn}**
Explanation	A SYN1 checkpoint (online save start) was found on the protection log. The protection log number is *plog-number*, the SYN1 block number is *rabn*.
	The Delta Save Facility starts extracting online save information from the protection log and writing it to the Delta Save images (DSIM) data set.

DSF032	**SYN2 checkpoint encountered on protection log PLOGNUM={plog-number} BLOCKNUM={rabn}**
Explanation	A SYN2 checkpoint (online save end) was found on the protection log. The protection log number is *plog-number*, the SYN2 block number is *rabn*.
	The Delta Save Facility stops extracting online save information from the protection log. The Delta Save images (DSIM) data set is marked ready for merge.

DSF033	**SYN1 checkpoint ignored on protection log. PLOG and block numbers different from parameters checkpoint found has PLOGNUM={plog-number}, SYN1={block-number}**
Explanation	A SYN1 checkpoint (online save start) was found on the protection log. The protection log number is *plog-number*, the SYN1 block number is *block-number*. These values are different from the PLOGNUM and SYN1 parameters specified for the COPY function.
	The Delta Save Facility does not start extracting online save information from the protection log. The SYN1 checkpoint is ignored.

DSF033   **SYN1 checkpoint ignored on protection log DSIM dataset already completed**

Explanation   A SYN1 checkpoint (online save start) was found on the protection log but the Delta Save images (DSIM) data set is by now ready for merge.

The SYN1 checkpoint is ignored.

DSF033   **SYN1 checkpoint ignored on protection log DSIM dataset status incorrect: {status-code}**

Explanation   A SYN1 checkpoint (online save start) was found on the protection log but the Delta Save images (DSIM) data set is not in a correct status. The current DSIM status *status-code* is shown.

The SYN1 checkpoint is ignored.

Action   Rebuild the DSIM data set using the ADARES COPY function.

DSF033   **SYN1 checkpoint ignored on protection log online save operation started afterwards**

Explanation   A SYN1 checkpoint (online save start) was found on the protection log but was written before the start of the online save operation associated with the DSIM data set. Therefore, the checkpoint does not indicate the start of the online save operation for which information is to be extracted from the protection log.

The SYN1 checkpoint is ignored.

Action   None. If there is only one SYN1 checkpoint on the protection log to be copied and the message cannot be otherwise explained, check whether the Adabas nucleus and the ADASAV utility that is executing the online save operation were running on different machines or on different divisions of the same machine. If so, ensure that the local times of these two machines or divisions are accurately synchronized.

DSF034   **SYN2 checkpoint ignored on protection log DSIM dataset status incorrect: {status-code}**

Explanation   A SYN2 checkpoint (online save start) was found on the protection log but the previous SYN1 checkpoint was ignored because of the incorrect status of the Delta Save images (DSIM) data set. The current DSIM status *status-code* is shown. See the corresponding DSF033 message.

The SYN2 checkpoint is ignored.

Action   Rebuild the DSIM data set using the ADARES COPY function.

DSF036	**DSIM dataset opened with status: {status}**
Explanation	(printed on the ADARUN protocol) The Delta Save images (DSIM) data set has been opened. Its current status is shown.

DSF037	**DSIM dataset status changed to: {status}**
Explanation	(printed on the ADARUN protocol) The Delta Save images (DSIM) data set status has been changed to the new one shown.

DSF038	**DSIM dataset closed with status: {status}**
Explanation	(printed on the ADARUN protocol) The Delta Save images (DSIM) data set has been closed. Its current status is shown.

DSF039	**DSIM dataset completed DSIM dataset statistics: {nn}% full {asso-count} ASSO block images written {data-count} DATA block images written {ac-count} new AC blocks recorded**
Explanation	The Delta Save images (DSIM) data set has been completed and marked ready for merge. Statistics displayed include

- its percentage of use;
- the number of Asso and Data block images contained in the DSIM data set (block counts do not differentiate several images of the same block); and
- the number of address converter blocks allocated during the associated online save operation and recorded in the DSIM data set.

DSF040	**[{dbid}] Waiting for DSIM dataset**
Explanation	This message, which is printed on the operator console with a *dbid* and on the ADARUN protocol without a *dbid*, indicates that the Delta Save images (DSIM) data set is not yet ready for merge. The DSIMWAIT parameter has been specified to wait for the completion of the DSIM data set.

The Delta Save Facility waits until the DSIM data set is ready for merge, or until the maximum wait time (DSIMWAIT) has been exceeded.

DSF041	**DSF logging area {nn}% full at begin of save**
Explanation	This message indicates how much of the Delta Save logging (DLOG) area is already being used at the beginning of a Delta Save operation.

DSF042	**[{dbid}] {offline	online} {full	delta} save operation completed DSID= {fsnum dsnum date-time}**
Explanation	The specified type of save operation was completed successfully. The ID of the Delta Save operation (DSID) is displayed: *fsnum* and *dsnum* are the numbers of the full and Delta Save operation, respectively.

For an offline save operation, this message is also written to the operator console with a *dbid*. For an online save, the Adabas nucleus writes equivalent information in the DSF011-DSF013 messages.

For an offline save operation, the Delta Save logging (DLOG) area is reset. For a full save operation, if Delta Save logging was disabled, it will be enabled

- by ADASAV for an offline save operation; or

- by the nucleus for an online save operation.

DSF043	**[{dbid}] DSF logging enabled by offline full save**
Explanation	This message occurs following message DSF042. Delta Save operations are now possible. Unless this message is displayed, an offline full save operation with the Delta Save Facility is not successful, even though ADASAV may have already closed the output save data set.

This message is also written to the operator console with a *dbid*.

DSF044	**Delta Save statistics: {asso-count} ASSO blocks to be saved {data-count} DATA blocks to be saved**
Explanation	(printed at the beginning of a Delta Save operation) The number of Associator and Data Storage blocks to be saved.

DSF045	**Input {offline	online} {full	data} save tape opened DSID= {fsnum lowdsnum-hidsnum date-time}**
Explanation	In a MERGE or RESTORE DELTA operation, an input save data set with the stated Delta Save identification was opened. *fsnum* is the full save number; *lowdsnum* the low Delta Save number, and *hidsnum* the high Delta Save number of the save data set.

DSF045	**Input {offline	online} Delta Save tape opened (concatenated) DSID= {fsnum lowdsnum-hidsnum date-time}**
Explanation	In a MERGE or RESTORE DELTA operation, an input Delta Save data set with the stated Delta Save identification was opened. The Delta Save data set was concatenated to another Delta Save data set. *fsnum* is the full save number; *lowdsnum* the low Delta Save number, and *hidsnum* the high Delta Save number of the save data set.

DSF045	**Input online Delta Save tape opened (unloaded DSIM) DSID= {fsnum / dsnum / date-time}**
Explanation	In a MERGE or RESTORE DELTA operation, an input online Delta Save data set with the stated Delta Save identification was opened. The Delta Save data set is an unloaded DSIM data set. *fsnum* is the full save number; *dsnum* the Delta Save number of the save data set. If the originating DSIM data set was (re)built from the PLOG using the ADARES COPY function, the DSID is unknown and shown as zeros.

DSF046	**Restored delta without full save input DSID of database = {fsnum hidsnum date-time}**
Explanation	In a delta restore operation without full save input the database has the stated Delta Save identification. The associated full and Delta Save data sets were restored previously. The value *fsnum* denotes the full save number, *hidsnum* is the highest Delta Save number of the save data sets already restored.

DSF047	**[{dbid}] Output offline {full	delta} save tape completed DSID= {fsnum lowdsnum-hidsnum date-time}**
Explanation	In a MERGE operation, the indicated output save data set has been completed. Its Delta Save identification is shown. *fsnum* denotes the full save number. *lowdsnum* is the low Delta Save number and *hidsnum* is the high Delta Save number.
	This message is also written to the operator console with a *dbid*.

DSF047	**[{dbid}] Output online Delta Save tape completed (unloaded DSIM) DSID={fsnum dsnum date-time}**
Explanation	In a MERGE operation, an unloaded DSIM Delta Save data set with the Delta Save identification shown has been written. *fsnum* denotes the full save number; *dsnum* is the Delta Save number. If the originating DSIM data set was (re)built from the PLOG using the ADARES COPY function, the DSID is unknown and shown as zeros.
	This message is also written to the operator console with a *dbid*.

DSF048	**[{dbid}] Restore of {(merged) full	(concatenated) delta } save tape [(s)] completed restored Delta Save ID= {fsnum lowdsnum-hidsnum / date-time}**
Explanation	A phase of a delta restore operation has been completed. One or more save tapes have been restored. Their combined Delta Save identification is shown. A subsequent delta restore operation without full save input may begin with the Delta Save data set that has the next higher Delta Save identification. *fsnum* is the full save number. The value *lowdsnum* is the low Delta Save number, and *hidsnum* is the high Delta Save number.
	This message is also written to the operator console with a *dbid*.

DSF049	**DSIM dataset statistics: {asso-count} ASSO blocks present {data-count} DATA blocks present**
Explanation	This message is printed when the Delta Save images (DSIM) data set is examined and matches one of the online save input data sets. It is also printed when the DSIM data set is to be unloaded. The DSIM data set contains *asso-count* different Associator blocks and *data-count* different Data blocks to take part in the operation.

DSF050	**DSF logging are not installed**
Explanation	Without a Delta Save logging (DLOG) area installed and Delta Save logging enabled, it is not possible to perform Delta Save operations.
	The Delta Save operation is abnormally terminated.
Action	Use Adabas Online System to install a DLOG area and perform a full save operation to enable Delta Save logging.

DSF051	**DSF logging not enabled**
Explanation	Delta Save logging must be enabled before Delta Save operations are possible.
	The attempted Delta Save operation is abnormally terminated.
Action	Perform a full save operation to enable Delta Save logging.

DSF052	**DSIM dataset omitted from online save operation**
Explanation	When running with Delta Save (ADARUN parameter DSF=YES is specified), a Delta Save images (DSIM) data set must be provided for an online full or Delta Save operation.
	The online save operation is abnormally terminated.
Action	Supply a DSIM data set for the online save operation or perform the save operation offline.

DSF053	**DSIM dataset not ready for save**
Explanation	The Delta Save images (DSIM) data set must be "not in use" to be eligible for a Delta Save Facility online save operation. The current status of the DSIM data set is different, as shown.
	The online save operation is abnormally terminated.
Action	Determine whether the DSIM data set is required for merging a previously created online save tape. If not, reset the DSIM data set (using ADAFRM function DSIMRESET) and rerun the save operation.

DSF054	**Online save failed at ET synchronization**
Explanation	Execution of ET-synchronization at the end of the online save operation was not successful. The Delta Save logging (DLOG) area was not reset. Delta Save logging remains disabled if it was disabled before, or enabled if it was enabled before. A subsequent ADASAV error message indicates the nucleus response code for the failed ET-synchronization.
	Although it has already been closed, the created save data set must not be used for later merge or restore operations.
	The online save operation is abnormally terminated.
Action	Eliminate the cause of the error and rerun the online save operation.

DSF055	**Online save successful in spite of nucleus response**
Explanation	Execution of ET-synchronization at the end of the online save operation was successful. The Delta Save logging (DLOG) area was reset. Afterwards, an error occurred and caused a nucleus response code to be returned to ADASAV. A subsequent ADASAV error message indicates the response code returned by the nucleus. If Delta Save logging was disabled before, it has been enabled.
	ADASAV prints an error message but continues operation. When terminating normally, it will set condition code 4.
Action	The created save tape is valid and may not be dropped if Delta Save operations are to follow later on. Otherwise the succeeding Delta Save data sets cannot be merged and/or restored.

DSF057	**Unloading DSIM dataset**
Explanation	Only the DSIM data set has been specified for processing. No full or Delta Save input data set has been supplied.
Action	ADASAV unloads the DSIM data set to the sequential output save data set and frees the DSIM data set for the next online save operation.

DSF058	**[{dbid}] Full save tape restored-DSF logging enabled restored Delta Save ID = {fsnum / lowdsnum - hidsnum / date-time}**
Explanation	A full save tape created by the Delta Save Facility was restored. The Delta Save identification of the restored database is shown. *fsnum* is the full save number; *lowdsnum* is the low deta save number; and *hidsnum* is the high Delta Save number of the save data sets restored.
	This message is also written to the operator console with a *dbid*.
	Delta Save logging was enabled in the restored database.
Action	The next save operation can be a Delta Save. Its result can be merged with the full save that was input to the restore operation.

DSF059	Removing DSF logging area (DSF=NO specified)
Explanation	A full save created by the Delta Save Facility is to be restored but the ADARUN parameter DSF=NO has been specified.
	The Delta Save logging (DLOG) area will be removed. The restore operation continues normally.
Action	None required. If the restored database is to be run with the Delta Save Facility, install the DLOG area again.

DSF060	Insufficient inputs for merge or restore delta
Explanation	The input data set requirements for

- functions MERGE and RESTORE DELTA: at least one full or Delta Save data set must be supplied.
- unloading the DSIM data set (function MERGE): only the DSIM datset must be supplied. No full or Delta Save input is allowed.

The MERGE or RESTORE DELTA operation is abnormally terminated.

Action	Supply suitable input data sets. If the function is RESTORE DELTA, rerun the job with RESTORE instead of RESTORE DELTA.

DSF061	Input save tape coming from wrong database
Explanation	In a merge or delta restore operation, the database ID of an input save data set is different from that specified in the ADARUN DBID parameter. Both database IDs are shown.
	The merge or delta restore operation is abnormally terminated.
Action	Supply the proper save tape or correct the ADARUN DBID parameter.

DSF062	Invalid specification of input datasets in JCL/JCS
Explanation	In a merge or delta restore operation, the input save data sets are not specified correctly:

- a Delta Save data set is supplied instead of a full save data set;
- a full save data set is supplied instead of a Delta Save data set;
- a gap exists in the DD-names/link-names for the Delta Save data sets;
- a save data set was not created by a save operation with the Delta Save Facility;
- a save data set was not created at Adabas 5.3 level or above;
- the input data set does not contain a save data set header record;
- the input data set was not created by ADASAV.

The merge or delta restore operation is abnormally terminated. The DD-name/link-name of the offending input data set is displayed.

Action	Supply the proper input save tapes and rerun the job.

DSF063 **DSIM dataset missing or in wrong status**

Explanation The original or unloaded Delta Save images (DSIM) data set is required for processing an online save data set in a MERGE or RESTORE DELTA operation, but it either

■ has not been specified;

■ has an incorrect status; or

■ has been specified in the wrong logical sequence.

The MERGE or RESTORE DELTA operation is abnormally terminated.

Action Provide the correct DSIM data set; rebuild it if necessary. Rerun the job.

DSF065 **Input full and Delta Save tapes not fitting together**

Explanation The specified input full and Delta Save data sets do not cover a continuous sequence of save operations. Their Delta Save identifications (DSIDs) do not match, because one or more of the following is true:

■ the full save numbers are not the same;

■ the sequence of Delta Save numbers is not ascending without duplicates and gaps;

■ in the sequence of full and Delta Save inputs, unloaded DSIM data sets are not specified directly after the associated online save.

■ the dates and times are not ascending.

For a RESTORE DELTA operation without full save input, the DSID of the database takes part in this matching of DSIDs. The DSIDs matched have been displayed in previous messages.

The MERGE or RESTORE DELTA operation is abnormally terminated.

Action Provide the correct input save data sets in the correct sequence. Rerun the job.

DSF066 **DSIM dataset does not match online save tape**

Explanation A provided original or unloaded Delta Save images (DSIM) data set is not the one associated with the specified input online save data set. It does not contain the block images written during the online save operation that created the save data set.

The DSIM data set's full save number, Delta Save number, and database ID are shown. Further, the protection log number and protection log block number of the save operation's SYN1 checkpoint are displayed for both the DSIM data set and the online save data set. For associated online save and DSIM data sets, these SYN1-related numbers must be identical.

The MERGE or RESTORE operation is abnormally terminated.

Action Provide the right DSIM data set and/or input save data sets. Rerun the job.

DSF067	**Mismatching merge/restore pattern**
Explanation	The delta merge/restore pattern specified in the PATTERN parameter does not match the input full and Delta Save data sets supplied.
	The delta merge or delta restore operation is abnormally terminated.
Action	Check and correct the PATTERN parameter and the job control statements. Rerun the job.

DSF068	**Incalid save dataset concatenation**
Explanation	Another data set was concatenated to one of the input data sets (the DD-name/link-name of the input data set is shown). Input save data set concatenation is allowed only if
	■ the function is RESTORE DELTA (not MERGE); and
	■ save data sets are concatenated to the last input save in logical sequence.
	The MERGE or RESTORE DELTA operation is abnormally terminated.
Action	Correct the specification of input data sets and rerun the job.

DSF070	**DSIM dataset smaller than specified**
Explanation	An I/O error occurred when Delta Save Facility tried to read the last block of the Delta Save images (DSIM) data set. It is probably smaller than specified.
	Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Correct the DSIMSIZE parameter or supply a correct DSIM data set. If the function was PLCOPY, rebuild the DSIM data set using the COPY function. Otherwise, rerun the COPY function.

DSF071	**Protection log and DSIM dataset do not match**
Explanation	The protection log and the Delta Save images (DSIM) data set belong to different databases. The two database IDs are shown.
	No online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Provide the correct protection log or rebuild the DSIM data set. If the function was PLCOPY, rebuild the DSIM data set using the COPY function. Otherwise rerun the COPY function.

DSF072   **Cannot locate SYN1 checkpoint on protection log**

Explanation   The specified SYN1 checkpoint on the protection log was not found. The specified SYN1 position and the current position on the protection log are shown.

No online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified, a subsequent ADARES error abnormally terminates the function.

Action   Supply matching protection log and parameter inputs, then rerun the job.

DSF074   **Discontinuity in protection log processing**

Explanation   The first block of the protection log to be processed is not continuous with the last block processed before. Extracting block images for building the Delta Save images (DSIM) data set must proceed in sequence. The current position on the protection log and the last position of the previous PLCOPY execution are shown.

No online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY function will continue processing. When terminating normally, the function will set condition code 4.

Action   Rebuild the DSIM data set using the COPY function.

DSF075   **DSIM dataset overflow**

Explanation   The Delta Save images (DSIM) data set is not large enough to hold all block images written during the accompanying online save operation. This DSIM data set cannot be used for merging.

The DSIM data set is set to an error status. The PLCOPY function will continue processing. When terminating normally, the function will set condition code 4.

Action   Enlarge the DSIM data set and rebuild it using the COPY function before performing the merge operation.

DSF076   **DSIM dataset overflow**

Explanation   The Delta Save images (DSIM) data set is not large enough to hold all block images written during the accompanying online save operation. This DSIM data set cannot be used for merging.

The DSIM data set is set to an error status. The COPY function will continue processing. When terminating normally, the function will set condition code 4. If no sequential output data set was specified, a subsequent ADARES error abnormally terminates the function.

Action   Augment the DSIM data set and run the COPY function again before performing the merge operation.

DSF079	**Illegal multiple use of DSIM dataset detected**
Explanation	The Delta Save images (DSIM) data set was modified by another utility while

- the ADARES PLCOPY or COPY function was writing online save information extracted from the protection log to it; or

- the ADASAV MERGE function was reading online save information from it.

The DSIM data set is inconsistent.

In ADASAV, the MERGE function is abnormally terminated. In ADARES, the DSIM data set is set to an error status. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

Action	Avoid parallel usage of the DSIM data set in the future. If the function was PLCOPY, rebuild the DSIM data set using the COPY function. If the function was COPY, rerun the COPY function. If the function was MERGE, rebuild the DSIM data set using the COPY function and rerun the MERGE function.

DSF080	**Error occurred during execution of read DLOG {ior-error-text} ASSO RABN: {dec-rabn} ({hex-rabn})**
Explanation	An I/O error occurred when the Delta Save Facility was trying to read a block from the Delta Save logging (DLOG) area. An ADAIOR error text is given. The affected Associator RABN is shown in decimal *dec-rabn* and hexadecimal *hex-rabn* formats.

The save function is abnormally terminated.

Action	Determine the cause of the I/O error and eliminate it. Remove the DLOG area and install it again. Perform a full save operation.

DSF081	**Error occurred during execution of write DLOG {ior-error-text} ASSO RABN: {dec-rabn} ({hex-rabn})**
Explanation	An I/O error occurred when the Delta Save Facility was trying to write a block to the Delta Save logging (DLOG) area. An ADAIOR error text is given. The affected Associator RABN is shown in decimal *dec-rabn* and hexadecimal *hex-rabn* formats.

The save function is abnormally terminated.

Action	Determine the cause of the I/O error and eliminate it. Remove the DLOG area and install it again. Perform a full save operation.

DSF082	**Error occurred during execution of open DSIM {ior-error-text}**
Explanation	An error occurred when the Delta Save Facility was trying to open the Delta Save images (DSIM) data set. An ADAIOR error text is given. The job control is probably incorrect, or the DSIMDEV parameter is missing or wrong.
	In ADASAV, the function is abnormally terminated. In ADARES, no online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Check and correct the job control and/or the DSIMDEV parameter. If the function was ADARES PLCOPY, rebuild the DSIM data set using the ADARES COPY function. Otherwise rerun the job.

DSF083	**Error occurred during execution of read DSIM {ior-error-text} RABN: {dec-rabn} ({hex-rabn})**
Explanation	An I/O error occurred when the Delta Save Facility was trying to read a block from the Delta Save images (DSIM) data set. An ADAIOR error text is given. The affected DSIM RABN is shown in decimal *dec-rabn* and hexadecimal *hex-rabn* formats.
	In ADASAV, the function is abnormally terminated. In ADARES, no more online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Determine the cause of the I/O error and eliminate it. Rebuild the DSIM data set.

DSF084	**Error occurred during execution of write DSIM {ior-error-text} RABN: {dec-rabn} ({hex-rabn})**
Explanation	An I/O error occurred when the Delta Save Facility was trying to write a block to the Delta Save images (DSIM) data set. An ADAIOR error text is given. The affected DSIM RABN is shown in decimal *dec-rabn* and hexadecimal *hex-rabn* formats.
	In ADASAV, the function is abnormally terminated. In ADARES, no more online save information will be extracted from the protection log during this ADARES execution. Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Determine the cause of the I/O error and eliminate it. Rebuild the DSIM data set.

DSF085	**Error occurred during execution of close DSIM {ior-error-text}**
Explanation	An error occurred when the Delta Save Facility was trying to close the Delta Save images (DSIM) data set. An ADAIOR error text is given.
	In ADASAV, the function is abnormally terminated. In ADARES, the PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Determine the cause of the error and eliminate it.

DSF086	**Error occurred while executing open input save {dd-name} {ior-error-text}**
Explanation	An error occurred when the Delta Save Facility was trying to open an input save data set. The DD/link name of the data set and an ADAIOR error text are given. A job control statement is probably incorrect.
	The function is abnormally terminated.
Action	Determine the cause of the error and eliminate it. Rerun the job.

DSF087	**Error occurred while executing read input save {dd-name} {ior-error-text}**
Explanation	An error occurred when the Delta Save Facility was trying to read from an input save data set. The DD-name/link name of the data set and an ADAIOR error text are given.
	The function is abnormally terminated.
Action	Determine the cause of the error and eliminate it. If the save data set turns out to be readable, rerun the job.

DSF088	**Error occurred while executing close input save {dd-name} {ior-error-text}**
Explanation	An error occurred when the Delta Save Facility was trying to close an input save data set. The DD/link name of the data set and an ADAIOR error text are displayed.
	The function terminates abnormally.
Action	Determine the cause of the error and eliminate it.

DSF089	**GETMAIN error - not enough virtual memory**
Explanation	Sufficient virtual memory could not be obtained for Delta Save Facility processing. The number of bytes requested and obtained are shown in decimal and hex format.
	In ADASAV, the function is abnormally terminated. In ADARES, building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

Action	Increase the partition/region of the job. If the function was ADARES PLCOPY, rebuild the DSIM data set using the ADARES COPY function. Otherwise rerun the job.

DSF090	**Incorrect database version**
Explanation	The Delta Save Facility requires a database at Adabas version 5.3.3 or above. The requested function cannot be executed. The internal version indicator found in the GCBs is shown in hexadecimal format.
	The function is abnormally terminated.
Action	To use the Delta Save Facility, convert the database to Adabas version 5.3.3 or above.

DSF091	**Incorrect version of DLOG area**
Explanation	The Delta Save logging (DLOG) area was installed by another, incompatible version of the Delta Save Facility. The internal version indicator and the version of the Delta Save Facility software are displayed in hexadecimal format.
	The function is abnormally terminated.
Action	Use a compatible version of the Delta Save Facility software, or remove the DLOG area and install it again.

DSF092	**Incorrect version of DSIM dataset**
Explanation	The Delta Save images (DSIM) data set was created by another, incompatible version of the Delta Save Facility. The internal version indicator and the version of the Delta Save Facility software are displayed in hexadecimal format.
	In ADASAV, the function is abnormally terminated. In ADARES, building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Use a compatible version of the Delta Save Facility software, or rebuild the DSIM data set using the ADARES COPY function.

DSF093	**Error during input save tape processing**
Explanation	An error was detected while processing a record from an input save data set. Probably the save data set is invalid. The DD/link name of the save data set, an internal reason code, and the serial block number in decimal and hexadecimal are shown. The requested function cannot be completed.
	The function is abnormally terminated.
Action	Check for invalid concatenation of save data sets and correct it, if found. Consult your Software AG technical support representative, if necessary.

DSF094	Error during input save tape processing
Explanation	Either some important control information is not consistent for all records of an input save data set, or the serial block numbers within an input save data set are not in ascending order, increasing by one. Probably the save data set is invalid. The DD/link name of the save data set is shown.
	The function cannot be completed, and is abnormally terminated.
Action	Check for invalid concatenation of save data sets and correct it, if found. Consult your Software AG technical support representative, if necessary.

DSF095	Internal error during protection log processing
Explanation	An error was detected in a protection log block processed by the Delta Save Facility. The protection log number, the block number and offset within the block, and an internal reason code are displayed in decimal format, the block number and offset also in hex format. A DSIM data set cannot be built.
	Building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Check for and correct any mistake in the specification of protection log data sets. Consult your Software AG technical support representative, if necessary.

DSF096	Damaged DLOG area block detected
Explanation	An inconsistent block was encountered in the Delta Save logging (DLOG) area. The bad RABN is shown in decimal and hex format, plus an internal reason code. The Delta Save operation cannot be completed.
	The Delta Save operation is abnormally terminated.
Action	Consult your Software AG technical support representative to determine the cause of the error. Disable Delta Save logging, remove the DLOG area, and install it again. Perform a full save operation.

DSF097	Damaged DSIM block detected
Explanation	An inconsistent block was encountered in the Delta Save images (DSIM) data set. The bad RABN is shown in decimal and hex format, plus an internal reason code. The requested Delta Save Facility function cannot be completed.
	In ADASAV, the function is abnormally terminated. In ADARES, building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.
Action	Consult your Software AG technical support representative to determine the cause of the error. Rebuild the DSIM data set using the ADARES COPY function.

DSF098 **Damaged DLOG extension block detected**

Explanation An inconsistent block was encountered in a file-specific extension of the Delta Save logging (DLOG) area. The file number, the RABN of the inconsistent block, and an internal reason code are shown. A Delta Save operation is not possible.

The Delta Save operation is abnormally terminated.

Action Consult your Software AG technical support representative to determine the cause of the error. Save and restore or reorder the file in question. Then rerun the Delta Save operation.

DSF099 **DSF internal error at {module + offset} trace: {trace-info}**
R0-R3 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx }
R4-R7 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}
R8-R11 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}
R12-R15 {xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx}

Explanation An internal error occurred in the indicated module at the specified offset. Some internal trace information as well as the register settings at the time of the error are shown. The requested Delta Save Facility function cannot be completed.

In ADASAV, the function is abnormally terminated. In ADARES, building the DSIM data set is discontinued. The PLCOPY or COPY function will continue processing. When terminating normally, the function will set condition code 4. If no output data set was specified for the COPY function, a subsequent ADARES error abnormally terminates the function.

Action Consult your Software AG technical support representative to determine the cause of the error.

26 DSP* - Cluster Data Space (ADADSP) Messages

ADADSP messages apply only to Adabas Parallel Services.

All of the following messages are printed first to the system log and then later to the D*ssdddd* data set (where *ss* is the last two digits of the SVC number and *ddddd* is the DBID) that was automatically created for cluster data space message output.

Each message begins with a timestamp in the format *hh*:*mm*:*ss*, followed by the message number and text.

DSP001	**Initializing DBID={dbid} [SVC={svc}] [IDTNAME={idtname}]**
Explanation	ADACOM is initializing an ADADSP subtask for the processing of a Adabas Parallel Services cluster database that might subsequently be started.
Action	No action is required for this informational message.

DSP002	**Data space acquisition authority acquired** **Data space acquisition handled by job {jobname}**
Explanation	Data space acquisition authority is granted to the first ADACOM to start and the name of that ADACOM job is displayed. Subsequent ADACOMs set to manage the same DBID will not be granted the authority to allocate data spaces, since they have already been allocated.

DSP003	**Dataspace being allocated is {cache	lock	message}** **Name is {data-space-name}** **{Size in decimal bytes: {number-of-bytes}	not allocated - length is zero	not allocated - size is less than 4096 bytes}** **{function completed normally	data spaces already allocated}** **Dataspace may already exist, attempting delete**
Explanation	ADACOM is in the process of allocating a data space of the specified type (cache, lock, or message) with the specified name and the specified size. Data spaces are

allocated only if a valid size is provided: see the ADARUN CLUCACHESIZE and CLULOCKSIZE parameters.

The operating system does not allow data spaces with sizes less than 4096 decimal bytes (internal error). If the allocation parameters are valid, the data spaces are allocated when the first cluster nucleus starts. Once data spaces are allocated for a cluster, they are not reallocated when subsequent cluster nuclei start.

If the first member nucleus of an ADABAS Parallel Services cluster attempts to allocate a dataspace, a dataspace may already exist, possibly as the result of a previous abend for which recovery was unsuccessful. The deletion attempt will generate DSP005 messages, after which the allocation attempt will be retried.

Action   If you receive an error due to invalid sizes, review your ADARUN parameters, correct the error, and restart ADACOM. All other messages are for information only and require no action.

DSP004	**Unable to delete/exit - NUCS up** **Checking every 5 seconds** **Next message in 5 minutes**
Explanation	This message occurs when an ADADSP subtask of ADACOM has been asked to exit or to delete the shared dataspaces of an Adabas Parallel Services cluster, but one or more cluster nuclei are still active. An ADADSP subtask exits when an ADAEND command is issued to ADACOM for the associated the DBID/SVC (or DBID/IDTNAME) combination.
Action	ADACOM should come down automatically when the last cluster nucleus terminates. If it does not, issue a CANCEL command to terminate it.

If ADACOM is canceled while Adabas Parallel Services nuclei are active on the associated database, these nuclei will most likely incur program checks and terminate abnormally. Thus, ADACOM should be canceled only when none of its ADADSP subtasks holds dataspaces for active Adabas Parallel Services nuclei, so as not to crash the Adabas Parallel Services cluster(s).

DSP005	**Dataspace being deleted is {data-space-name}** **{Function completed normally	Error: abend code {abend-code}, reason code {reason-code}	Error: return code {ret-code}, reason code {reason-code}}**
Explanation	The specified cluster data space is being deleted. Either the deletion is completed successfully or an IBM error code and reason code are returned.
Action	If the data space is successfully deleted, no action is required. If an IBM error and reason code are returned, refer to your IBM manuals to identify and correct the specified error.

DSP006   **Unable to secure process token**

Explanation   The ADADSP subtask of ADACOM failed to obtain its own process token, which
                      Adabas Parallel Services nuclei need to communicate with ADADSP. The ADADSP
                      subtask terminates abnormally. Adabas Parallel Services nuclei for the associated
                      database cannot start.

Action   Contact your Software AG technical support representative for assistance.

DSP007   **Length of process token too long**

Explanation   The process token of the ADADSP subtask of ADACOM is invalid. The ADADSP
                      subtask terminates abnormally. Adabas Parallel Services nuclei for the associated
                      database cannot start.

Action   Contact your Software AG technical support representative for assistance.

DSP008   **Unable to open output dataset**

Explanation   The ADADSP subtask of ADACOM failed to open its message output data set. The
                      data set has the DD-name or link name D*ssddddd* in z/OS and z/VSE environments,
                      or D*iiddddd* in BS2000 environments, where *ss* represents the last two digits of the
                      SVC number, *ii* represents the fourth and last nonblank character of the IDT name,
                      and *ddddd* is the database ID.

                      ADADSP will continue to run, but write its messages only to the console.

Action   Contact your Software AG technical support representative for assistance.

DSP010   **S64 object being allocated is {cache | lock | message}**
                      S64 object may already exist at {address}
                      Attempting delete
                      Allocation token is {token}
                      Requested size in MB (rounded) is {size}
                      Function completed normally
                      Address is\ {address}
                      Error: return code 12, reason code {zOS-return-code} {zOS-reason-code}
                      Error: abend code {system-code}, reason code {reason-code}

Explanation   This series of messages describe an attempt to allocate a shared 64-bit addressable
                      memory object of the specified type. If the allocation is successful, the address of the
                      object is shown. If ADAIOR reports return code 12, the z/OS return and reason codes
                      are shown. If the request resulted in an abend, the system and reason codes are shown.

                      If the first member nucleus of an ADABAS Parallel Services cluster attempts to allocate
                      a S64 object, one may already exist, possibly as the result of a previous abend for
                      which recovery was unsuccessful. The deletion attempt will generate DSP011 messages,
                      after which the allocation attempt will be retried.

Action   If the request fails, examine the z/OS IARV64 abend, return, and reason code
                      descriptions in IBM documentation. If the cause is not clear, notify your Software AG
                      technical support representative.

DSP011
S64 object being deleted is {cacne | lock | message}
S64 object may already exist at {address}
Allocation token is {token}
Actual size in MB is {size}
Address is {address}
Function completed normally
Error: return code 12, reason code {zOS-return-code} {z/OS-reason-code}
Error: abend code {system-code}, reason code {reason-code}

Explanation
This series of messages describe an attempt to delete a shared 64-bit addressable memory object of the specified type. If ADAIOR reports return code 12, the z/OS return and reason codes are shown. If the request resulted in an abend, the system and reason codes are shown.

Specifically, what is being deleted is the z/OS system affinity. A z/OS S64 memory object will not actually be deleted until all local affinities are also deleted. A local affinity is created when a Parallel Services nucleus establishes a connection with the S64 object in its own address space. Local affinities are deleted when the nucleus ends.

Action
If the request fails, examine the z/OS IARV64 abend, return, and reason code descriptions in IBM documentation. If the cause is not clear, notify your Software AG technical support representative.

DSP099
SVC={svc}, DBID={dbid} function exiting

Explanation
The specified Adabas Parallel Services cluster is terminating.

27 **PLI* - ADACOM Initialization Messages**

ADACOM messages apply only to Adabas nucleus cluster environments.

All PLInnn messages are printed on the console. Messages in the range 0-49 are issued by the ADACOT module attached to a particular SVC/DBID set and are sent to the SYSOUT data set that is dynamically allocated for that particular module. Messages in the range 50 and above are issued by ADACOM and are written to the COMPRINT data set. Each message begins with a timestamp in the format "hh:mm:ss".

The following message groups are described:

PLI002	**Initializing DBID={dbid} SVC={svc message(s)}**
Explanation	This message identifies the ADACOM that is initializing by its database ID and SVC settings. It is followed by one or more relevant initialization message(s) (check the following possible PLI002 messages):

Message Text	Explanation
Acquiring newPLXCB	Having determined that no Adabas cluster control block (PLXCB) currently exists, ADACOM is attempting to acquire a new one.
Cannot change number of users now there are NUCS/ADACOMS active	Once the cluster is active; that is, once a nucleus or ADACOM starts, or a user issues commands to a cluster database, the NU parameter is set and cannot be changed without bringing down the entire cluster, changing the parameter value, and restarting. If you need to change the NU parameter value, terminate all cluster nuclei, ADACOMs, and users and restart.
Freeing old PLXCB	The NU parameter value is being changed. The old environment is being freed.

Message Text	Explanation
GETMAIN failed for PLXCB	An attempt to acquire GETMAIN space for a new Adabas cluster control block (PLXCB) failed. Whichever is attempting to start, a cluster nucleus or an ADACOM task, terminates abnormally (abends). Ensure that sufficient space is available to start PLXCB and resubmit the job.
MAX users for image*number-of-users*	Displays the maximum number of users (NU) allowed for the operating system image.
PLXCB is located at *address*	The location of the PLXCB, either new or existing, is provided.
Processed NU=O request	The system has processed the NU=0 parameter. The old environment has been freed.

PLI003   **SVC={svc} DBID={dbid} OPERATOR COMMAND: {command}**

Explanation   Confirms the operator command just issued and the SVC/DBID combination for which it is issued.

PLI004   **{imagename} NUCID={nucid} UP={x} LO={y} RO={z }#USERS={n} #CMNDS={n} LURA={n} RULA={n}**
                 {jobname}{ nucid x y z n....... n........}

Explanation   This message displays the status of the cluster nuclei located on the named image, which is the local image. The following table describes the components of this message:

Message Component	Description
imagename	The name of the local image.
NUCID=*nucid*	The unique cluster nucleus identifier.
UP=*x*	Specifies whether (Y or N) the specified nucleus is available for normal processing.
LO=*y*	Specifies whether the specified nucleus is on the local image and open (Y); or on the local image and closed (N).
RO=*z*	Indicates that the specified nucleus is not on a remote image (N).
#USERS=*n*	The number of users that have been assigned to and are currently active for the specified nucleus.
#CMNDS=*n*	The number of commands currently incomplete.
LURA=*n*	The number of users remotely assigned to the local image.
RULA=*n*	The number of users locally assigned to the remote image.
jobname	The name of the ADACOM job or started task.

PLI005	**** Image has no active NUCs ****
Explanation	This message follows PLI004 for either a DIM or DN command when there are no active cluster nuclei to display on the local image.

PLI006	*** Local network down - no remote information ***
Explanation	This message follows PLI004 for a DIM command when no information is available about remote images because the local Entire Net-Work is not active.
Action	The local Entire Net-Work must be reactivated to retrieve information about cluster nuclei on remote images.

PLI007	**{imagename} NUCID={nucid} UP={x} LO={y} RO={z} #USERS={n} #CMNDS={n} LURA={n} RULA={n}** **{jobname nucid x y z n..... n.....}**
Explanation	This message displays the status of the cluster nuclei located on the named image, which is the remote image. The following table describes the components of this message:

Message Component	Description
imagename	The name of a remote image.
NUCID=*nucid*	The unique cluster nucleus identifier.
UP=*x*	Specifies whether (Y or N) the specified nucleus is available for new users.
LO=*y*	Indicates that the specified nucleus is not on the local image (**).
RO=*z*	Specifies whether the specified nucleus on a remote image is opened locally for local use only (LN); opened remotely for global use (NG); both LN and NG (LG); not open for local use (NN).
#USERS=*n*	The number of users that have been assigned to and are currently active for the specified nucleus.
#CMNDS=*n*	The number of commands currently incomplete.
LURA=*n*	The number of users remotely assigned to the local image.
RULA=*n*	The number of users locally assigned to the remote image.
jobname	The name of the ADACOM job or started task.

PLI008	***No NUCs up or remote network down***
Explanation	This message follows PLI007 for a DIM command when no information is available from a remote image. Either there are no active nuclei on the remote image or the remote Entire Net-Work is not active.

PLI009	**Invalid command: ***
Explanation	The command entered is not a valid ADACOM command. This message follows PLI060, which displays the invalid command entered.
Action	Check the command used; reenter a valid ADACOM command.

PLI010	**Command executed**
Explanation	This message follows PLI060 for the SN command and indicates that the SN command with the parameters specified in PLI060 has been successfully executed.

PLI012	**{module} load failed - exiting**
Explanation	The module listed in the message (`module`) could not be loaded. The affected task abends.
Action	Ensure the named module is available in the load library concatenation. If you are unable to resolve the error, contact your Software AG technical support representative.

PLI013	**Unable to set timer - exiting**
Explanation	An internal error occurred while executing STIMERM. The affected ADACOT module abends.
Action	Contact your Software AG technical support representative.

PLI014	**PSW key {pswkey} not compatible with PLXCB key {plxcbkey}**
Explanation	A previously-allocated PLXCB cannot be used because of a difference between the PSW and storage keys.
Action	Run the ADACOM in the PLXCB key, or delete the existing PLXCB and reallocate it in the desired key.

PLI015	**Work area GETMAIN failed**
Explanation	The attempt to allocate space for an ADACOT work area failed. The affected SVC/DBID combination abends.
Action	Increase the region size.

PLI016	**IDTH prefix is not valid**
Explanation	An internal error occurred: IDTHPRFX is invalid. The affected ADACOT module abends.
Action	Contact your Software AG technical support representative.

PLI017	**Number of IDTE entries is zero**
Explanation	An internal error occurred: the IDTH is invalid. The affected ADACOT module abends.
Action	Contact your Software AG technical support representative.

PLI018	**ADACOT initialization failed**
Explanation	The PLXINIT module failed during initialization. The affected ADACOT module abends.
Action	Contact your Software AG technical support representative.

PLI019	**Get IDTH failed**
Explanation	ADACOT was unable to obtain the address of the IDTH. The affected ADACOT module abends.
Action	Contact your Software AG technical support representative.

PLI020	**SVC={svc} DBID={dbid} function exiting**
Explanation	This message occurs whenever an SVC/DBID combination terminates for any reason.

PLI021	**Network detected down**
Explanation	ADACOM detected that the local Entire Net-Work is not active or is not responding.

PLI022	**Network detected up**
Explanation	ADACOM detected that the local Entire Net-Work is active.

PLI023	**No PARMs allowed for "DN"**
Explanation	A parameter was supplied when issuing the ADACOM command DN. No parameters are allowed for the DN command. This message follows PLI060 which indicates the command and parameters issued.
Action	Remove the parameter(s) and issue DN again.

PLI024	**Invalid system name**
Explanation	The DIM command allows you to optionally supply an image name as a parameter. The DIM command was issued with a parameter value, but the value supplied is not a valid image name. This message follows PLI060 which indicates the command and parameters issued.
Action	Supply a valid image name and issue DIM again.

PLI025	*** Remote images not detected ***
Explanation	This message follows PLI060 and PLI004 for the DIM command without a parameter and indicates that ADACOM does not detect the presence of any remote images.

PLI026	**Remote image(s) not detected**
Explanation	This message follows PLI060 for the DIM command with a valid image-name parameter and indicates that the specified image is not local and that ADACOM does not detect the presence of a remote image with the specified name.

PLI027	**CMDMGR=NO specified**
Explanation	CMDMGR=NO was specified in the ADACOM; ADACOM quiesces after setting the environment.

PLI030	**Invalid NUC specification**
Explanation	This message follows PLI060 for the SN command and indicates that the specified nucleus ID is not valid.
Action	Specify a valid nucleus ID and issue the command again.

PLI031	**Command must specify "OP/CL"**
Explanation	This message follows PLI060 for the SN command and indicates that the required parameters OP/CL were not specified.
Action	Specify the required parameters and issue the command again.

PLI032	**Too many parameters**
Explanation	This message follows PLI060 for the SN command and indicates that too many parameters have been specified when opening or closing one or more remote nuclei. Remote nuclei are always opened to local users only.
Action	Remove the erroneous parameter(s) and issue the command again.

PLI034	**Local NUC(s) not found**
Explanation	This message follows PLI060 for the SN command and indicates that the local nucleus specified was not found on the local image. If LCLALL was used in the command, no cluster nuclei were found on the local image.

PLI035	**"ALL" not valid for "OP/CL"**
Explanation	This message follows PLI060 for the SN command. "ALL" is not a valid parameter. You must indicate whether you want to open or close all local nuclei (LCLALL) or all remote nuclei (RMTALL). You cannot open or close all cluster nuclei on all images at once. You can, of course, open a specified nucleus or all nuclei on a specified remote image, if you choose.
Action	Specify the required parameters and issue the command again.

PLI036	**Too few parameters - need "LCL/GBL"**
Explanation	This message follows PLI060 for the SN command. When opening or closing nuclei on local images, you must indicate whether you are opening them to local users only (LCL) or to all cluster users (GBL).
Action	Specify the required information and issue the command again.

PLI038	**Only "LCL" or "GBL" after "OP/CL"**
Explanation	This message follows PLI060 for the SN command. When opening or closing nuclei on the local image, your only choices are to open the nuclei to local users only (LCL) or to all cluster users (GBL). No other options are allowed.
Action	Specify LCL or GBL and issue the command again.

PLI039	**Remote NUC(s) not found**
Explanation	This message follows PLI060 for the SN command and indicates that the remote nucleus specified was not found on any remote image. If a remote image was specified, no cluster nuclei were found on that image. If RMTALL was used in the command, no cluster nuclei were found on any remote image.

PLI040	**Cannot exit now - dataspaces are allocated**
Explanation	There are active Adabas Parallel Services nuclei that have active dataspaces.
Action	Terminate any Adabas Parallel Services nuclei and try again.

PLI041	**Valid PARMs: PLXCP, PLXNUC, PLXMAP, IDTE, FIIBS, PLXUSER, CLUDSP, IDTH, IDTHPRFX**
Explanation	A DUMP operator command was entered with an operand other than one of the valid ones listed in the message.
Action	Reissue the command with a correct operand.

PLI042	**{message-text}**
Explanation	Various message texts are associated with this message number. Each is described in the following table:

Message Text	Explanation
Only N=X, where X is prefix, is valid	A DUMP PLXUSER command was entered with an invalid operand. *Action:* Reissue the command with a correct operand.
The prefix is missing or now "=" specified	A DUMP PLXUSER command was entered with invalid syntax or an invalid operand. *Action:* Reissue the command with a correct operand.
There are no actxive users at this time	A DUMP PLXUSER command was entered. There is nothing to list. *Action:* No action is necessary for this informational message.
There ar no active IDTEs at this time	A DUMP IDTE command was entered. There is nothing to list. *Action:* No action is necessary for this informational message.
Extended storage IIBs are not in use	A DUMP FIIBS command was entered. There is nothing to list. *Action:* No action is necessary for this informational message.
Extended storage but fat IIBS not in use	A DUMP FIIBS command was entered. There is nothing to list. *Action:* No action is necessary for this informational message.
No FIIBS in use at this time	A DUMP FIIBS command was entered. There is nothing to list. *Action:* No action is necessary for this informational message.

Message Text	Explanation
There are no valid maps at this time	A DUMP PLXMAP command was entered. There is nothing to list. *Action:* No action is necessary for this informational message.
There are no active entries	A DUMP IDTHPRFX command was entered. There is nothing to list. *Action:* No action is necessary for this informational message.
There are no active NUCs at this time	A DUMP PLXNUC command was entered. There is nothing to list. *Action:* No action is necessary for this informational message.
dbid Unable to allocate PLXMAP for *system-target* on *system-name*	A PLXMAP update was received from a remote system for which there was no existing PLXMAP. A free PLXMAP slot could not be located. The update is discarded. *Action:* This may occur if systems containing cluster nuclei were removed from the sysplex and other systems containing nuclei were added. If ADACOM is running, issue the `DUMP PLXMAP` command to examine the assignment of each PLXMAP. Contact your Software AG technical support representative for assistance.

PLI048	**Unable to DEQ {resource}**
Explanation	An internal error occurred: ADACOT was unable to release serialization for the named resource. The affected ADACOT module abends.
Action	Contact your Software AG technical support representative.

PLI049	**RSP {rsp/node-subcode} from {target} {system}**
Explanation	An attempt was made to update PLXCB structures on another operating system image participating in Adabas Cluster Services (ALS). The response code (*rsp*) and subcode (*subcode*) given in the message indicate an unexpected condition. The Entire Net-Work node ID may also be given in the message (*node*) if Entire Net-Work does not have connectivity to the remote system or if there are problems in the PLXCB structures on the remote system.
Action	If the reason for the response code is not clear and you cannot resolve the error by analyzing it, contact your Software AG technical support representative.

PLI050	**Initializing ADACOM**
Explanation	This is the first message produced when ADACOM is starting.

PLI052	**Commands will go to SVC={svc},DBID={dbid}**
Explanation	A MODIFY command was issued to change the SVC/DBID combination that is to receive all following MODIFY commands.

PLI053	**Remainder of input line ignored**
Explanation	Characters were found at the end of a SVC=svc,DBID=dbid when no comma follows the SVC/DBID combination. Note that the SVC=svc and DBID=dbid can be in any order.

PLI054	**Duplicate SVC= or DBID=**
Explanation	A MODIFY command to change the SVC/DBID combination for commands was issued with more than one SVC= or DBID=.
Action	Reissue the command with only one SVC/DBID parameter set.

PLI055	**Invalid SVC or DBID number**
Explanation	A MODIFY command to change the SVC/DBID combination for commands was issued with a nonnumeric, invalid, or out of range SVC or DBID number.
Action	Reissue the command with a valid SVC/DBID parameter set.

PLI056	**Invalid character in command**
Explanation	A MODIFY command to change the SVC/DBID combination for commands was issued and no comma between SVC=svc and DBID=dbid.
Action	Correct the format and reissue the command.

PLI057	**DBID= or SVC= missing**
Explanation	A MODIFY command to change the SVC/DBID combination for commands was issued and either SVC= or DBID= missing.
Action	Add the required parameter and reissue the command.

PLI058	SVC/DBID pair not active in this ADACOM
Explanation	A MODIFY command to change the SVC/DBID combination for commands was issued and the SVC/DBID pair was not specified in the input stream.
Action	Specify the required parameters and reissue the command.

PLI059	SVC/DBID pair processing has ended
Explanation	A MODIFY command to change the SVC/DBID combination for commands was issued and the SVC/DBID pair processing has ended either from NU=0 or an abend.
Action	If you are unable to determine and correct the problem, contact your Software AG technical support representative.

PLI060	SVC={svc} DBID={dbid} operator command : {command}
Explanation	This message indicates that the specified command has been issued from the ADACOM identified by the SVC and DBID listed.

PLI062	Command queued
Explanation	A command is queued for execution. The results of the command will appear in the output data set for the SVC/DBID combination to which the command was issued.

PLI063	Processing: ADACOM SVC={svc},DBID={dbid},NU={users text}
Explanation	Issued during initialization for each input line from DDKARTE. The text of the line appears to the right of the colon.

text	Explanation
Initialization complete	Issued as text for PLI063 if NU does not equal 0 and the startup for the SVC/DBID pair was successful.
Processing ended normally	Issued as text for PLI063 if NU=0 was specified and the PLXCB was processed normally.
Processing ended with errors	Issued as text for PLI063 when the initialization process encounters an error for a SVC/DBID pair. The error may indicate a problem allocating a corresponding SYSOUT data set. Initialization for the other pairs continues.

Action	If you are unable to determine and correct the problem with the SVC/DBID parameter set, contact your Software AG technical support representative.

PLI064	**ADACOM exiting**
Explanation	This is the last message produced when the ADACOM job is terminating as a result of an ADAEND command or an error situation.

PLI065	**Initialization complete for all DBID/SVC pairs**
Explanation	ADACOM has initialized all specified DBID/SVC pairs. See the preceding PLI063 messages for the status of each pair's initialization.
Action	No action is necessary for this informational message.

PLI068	**Unrecognized parameter**
Explanation	During initialization when processing input from DDKARTE, an unrecognized parameter was encountered on the card. ADACOM abends.
Action	Check the DDKARTE parameters. If you are unable to determine and correct the problem, contact your Software AG technical support representative.

PLI069	**Duplicate parameter**
Explanation	Issued on initialization when processing input from DDKARTE and a duplicate parameter entry is seen. ADACOM abends.
Action	Correct the parameter entries and rerun the job.

PLI070	**Invalid numeric**
Explanation	Issued on initialization when an SVC or DBID number is recognized as invalid. ADACOM abends.
Action	Correct the parameter entries and rerun the job.

PLI071	**SVC or DBID not specified**
Explanation	Issued on initialization when an SVC or DBID number is recognized as invalid. ADACOM abends.
Action	Correct the parameter entries and rerun the job.

PLI072	**IDTH not found**
Explanation	Issued during initialization when the required IDTH control block cannot be found. ADACOM abends.
Action	If you are unable to determine and correct the problem, contact your Software AG technical support representative.

PLI073	**Number of IDTEs is zero**
Explanation	Issued during initialization when the number of IDTEs specified in the IDTH is zero. ADACOM abends.
Action	If you are unable to determine and correct the problem, contact your Software AG technical support representative.

PLI074	**Duplicate SVC/DBID combo**
Explanation	Issued during initialization if two input cards from DDKARTE specify the same SVC/DBID combination. ADACOM abends.
Action	Correct the parameter entries and rerun the job.

PLI076	**Input must begin with "ADACOM"**
Explanation	Issued during initialization when an input card from DDKARTE does not begin with "ADACOM" followed by at least one space. ADACOM abends.
Action	Correct the format of the parameter entries and rerun the job.

PLI077	**ADACOM IS SHUTTING DOWN [SVC=svc,DBID=dbid ADACOM PROCESSING COMPLETE]**
Explanation	Issued as the result of an ADAEND command or internal error causing an orderly shutdown. The part of the message enclosed in brackets is issued when an SVC/DBID combination has ended processing.
Action	If you are unable to determine and correct the problem, contact your Software AG technical support representative.

PLI078	**Previous task has not ended**
Explanation	Duplicate SVC/DBID combination in startup JCL. ADACOM abends.
Action	Correct the JCL and rerun.

PLI079	**Error obtaining {CLUCONB	CLUDSPB }**
Explanation	This message indicates a GETMAIN failure at startup (ADACOM abends) or while dynamically adding an SVC/DBID combination (the system continues running).
Action	At startup, increase the region size and rerun. When dynamically adding an SVC/DBID combination, either terminate ADACOM, increase the region size, and rerun; or start a second ADACOM.

PLI080	UID mismatch freeing PLXUSER/UTE {address} UID {uid1} UTE {uid2}
Explanation	ADACOM did not find the expected user ID string when attempting to release a PLXUSER (UTE).
Action	If the UTE value is all zeros, the UTE was already free. This can come about if an error recovery routine such as a z/OS ESTAE attempts to clean up by issuing CL commands. Natural has error recovery that may do this, particularly if a Natural program is canceled. If this is not the case, or the UTE is non-zero, this is an internal logic error. Contact your Software AG technical support representative.

PLI090	Not APF authorized - exiting
Explanation	ADACOM must run with z/OS APF authorization.
Action	Ensure that all load libraries are APF-authorized and rerun.

PLI093	PLXUSER X2/{code} RSP {rsp}/{node}-{subcode} {target}
Explanation	An Adabas ADACOM job servicing Adabas Cluster Services or Adabas Parallel Services nuclei issued an internal X2 command to release a PLXUSER representing a user either originating from or routed to another system. Such users have PLXUSERs on both systems. The command failed with the displayed response code and subcode.

The *code* listed in the message identifies the reason for the X2 command:

Code	X2 Command Reason
8014	Delete PLXUSER on remote system.
8020	Query PLXUSER status for a user originating from a remote system.
8024	Query PLXUSER status for a local user assigned to a remote system.

Action	If the PLXUSER cannot be released at this time, attempts will be made at intervals to release it. Contact your Software AG technical support representative for assistance if the reason for the response code cannot be identified.

PLI910	Unable to determine Net-Work DBID target holder
Explanation	No image in the network holds the DBID as a network target and this nucleus failed in its attempt to establish it. This is an error condition. Commands from users in an image with no active nucleus and no active ADACOM l get response 148.
Action	Either start up a different node in the network or shut down and restart an existing node to see if the problem resolves itself. If the problem persists, the user should contact Software AG Customer Support.

PLI920   **NET-WORK DBID target held by {image-system-name}**

Explanation   The remote image, identified in the message by its system name, holds the DBID as
                         a network target.

Action   No action is required for this informational message.

PLI930   **NET-WORK DBID target owned on this image**

Explanation   The image in which this nucleus is active holds the DBID as a network target.

Action   No action is required for this informational message.

28 **PLX* - ADACLU Messages**

ADACLU messages apply only to Adabas nucleus cluster environments.

All of the following messages are both printed on the console and written to the DD/PRINT data set.

Each message begins with a timestamp in the format "hh:mm:ss" and a jobname.

The 'dbid' and 'nucid' are shown as five numeric characters with leading zeros.

PLX001	**{dbid} Acquiring new PLXCB**
Explanation	Having determined that no Adabas cluster control block (PLXCB) currently exists, the system is attempting to acquire a new one.

PLX002	**{dbid} GETMAIN failed for PLXCB**
Explanation	An attempt to acquire GETMAIN space for a new Adabas cluster control block (PLXCB) failed. Whichever is attempting to start, a cluster nucleus or an ADACOM task, terminates abnormally (abends).
Action	Ensure that sufficient space is available to start PLXCB and resubmit the job.

PLX003	**{dbid} Cannot change number of users now** **{dbid} Cannot free PLXCB at this time** **{dbid} There are active NUCs/ADACOMs**
Explanation	Once the cluster is active; that is, once a nucleus or ADACOM starts, or a user issues commands to a cluster database, the NU parameter is set and cannot be changed without bringing down the entire cluster, changing the parameter value, and restarting.
Action	If you need to change the NU parameter value, terminate all cluster nuclei, ADACOMs, and users and restart.

PLX004   **{dbid} Freeing old PLXCB**

Explanation   The NU parameter value is being changed. The old environment is being freed.

PLX005   **{dbid} Processed NU=O request**

Explanation   The system has processed the NU=0 parameter. The old environment has been freed.

PLX006   **{dbid} PLXCB version is {vrs}**
                              {dbid} {program} Program level is {vrs}
                              {dbid} FORCE=YES detected - initialization continues
                              {dbid} This SVC/DBID combination will terminate

Explanation   These messages detect when PLXCBs have a different format than programs attempting
                       to use them. Ensures compatibility between program levels and the permanently
                       allocated PLXCBs that continue to exist when no nuclei or ADACOMs are active.

PLX007   **{dbid} Max users for image {number-of-users}**
                              {dbid} PLXCB located at {address}

Explanation   The Adabas cluster control block (PLXCB) has been located at the address shown in
                       the message and contains entries sufficient for the number of users.

PLX014   **PSW key {pswkey} not compatible with PLXCB key {plxcbkey}**

Explanation   A previously-allocated PLXCB cannot be used because of a difference between the
                       PSW and storage keys.

Action   Run the nucleus in the PLXCB key, or delete the existing PLXCB and reallocate it in
                       the desired key.

PLX043   **{dbid} Net-Work detected {up|down}**

Explanation   This message occurs during initialization or whenever a nucleus detects a change of
                       status for an Entire Net-Work. Normally only one nucleus on a system will issue this
                       and process the change of state event. If the new state is up, it will be followed by
                       messages PLX044, PLX048 and PLX088. PLX087 will be issued on other member nuclei.

Action   No action is required for this informational message.

PLX044   **{dbid} System image target {target} established**

Explanation   During initialization or whenever an Entire Net-Work becomes active, the system
                       target is defined to it. The system target is needed to support command routing to
                       remote systems and to update PLXCB structures on systems with no nuclei. It is issued
                       only by the nucleus that issued PLX043 when it detected that Entire Net-Work has
                       started.

Action   No action is required for this informational message.

PLX045	**{dbid} Unable to allocate PLXMAP for {system-target} on {system-name}**
Explanation	A PLXMAP update was received from a remote system for which there was no existing PLXMAP. A free PLXMAP slot could not be located. The update is discarded.
	This may occur if systems containing cluster nuclei were removed from the sysplex and other systems containing nuclei were added.
Action	If ADACOM is running, issue the `DUMP PLXMAP` command to examine the assignment of each PLXMAP. Contact your Software AG technical support representative for additional assistance.

PLX046	**{dbid} Feed{acquire|release} target {target} failed RSP {rsp/node-subcode nucid}**
Explanation	A nucleus was unsuccessful when attempting to acquire or release the Entire Net-Work target. This may be either the DBID target or the system image target.
	This error may occur when an Entire Net-Work becomes unavailable or when the target is not in the correct state for the action.
Action	Issue the Entire Net-Work command `D T` to examine the target. Contact your Software AG technical support representative if you are unable to resolve the conflict.

PLX047	**{dbid} No suitable system found for DBID target**
Explanation	Entire Net-Work must be active and there must be at least one active nucleus if the system is to hold the DBID target. A poll of all systems with active nuclei found no such suitable system.
Action	Start a nucleus or Entire Net-Work on a system to which the DBID target may be assigned.

PLX048	**{dbid} System {system-name} selected for DBID target**
Explanation	After polling systems with active nuclei, the system named in the message (`system-name`) was selected as the most suitable to hold the DBID target. It is issued only by the nucleus that issued PLX043 when it detected that Entire Net-Work has started.
Action	No action is required for this informational message.

PLX049	**{dbid}PLXMAP {cmd} RSP {rsp/node-subcode} from {target} on {system-name}**
Explanation	A PLXMAP update containing information about active nuclei and load-balancing information was attempted for the system named in the message (`system-name`). The update failed with the response and subcode given in the message. The command may be V2, implying the update was sent using Adabas messaging (XCF for Cluster Services) or X3, implying the update was sent using Entire Net-Work. If a PLXMAP exists for the named system, the load balancing counters and nucleus information may be cleared.

Action   If you are unable to identify a cause for the error, contact your Software AG technical support representative for assistance.

PLX050   **{dbid} ADACLU INIT DBID={dbid} NUCID={nucid}**

Explanation   The cluster nucleus identified by its 'nucid' for cluster 'dbid' has been initialized.

PLX051   **{dbid} IDTH prefix is not valid**

Explanation   The IDT table header has been corrupted. The Adabas cluster terminates abnormally (abends).

Action   Reinstall the Adabas SVC to reconstruct the IDT.

PLX052   **{dbid} Number of IDTE entries is zero**

Explanation   The ID table header has been corrupted. The Adabas cluster terminates abnormally (abends).

Action   Reinstall the Adabas SVC to reconstruct the IDT.

PLX053   **{dbid} GETMAIN for CLUPLXB failed**

Explanation   GETMAIN for CLUPLXB is acquired above the 16MB line in ECSA. You have insufficient space these for CLUPLXB.

Action   Increase the space available to CLUPLXB in ECSA.

PLX054   **{dbid} MPM initialization failed**

Explanation   This is an internal error. The Adabas cluster terminates abnormally (abends).

Actions: Contact your Software AG technical support representative.

PLX055   **{dbid} GETMAIN for CQXE failed**

Explanation   Virtual storage was insufficient to allocate the CQXE structures.

Action   Increase the virtual storage available and restart the nucleus.

PLX056   **{dbid} Dataspace/S64 acquisition failed**

Explanation   The Adabas Parallel Services nucleus was unable to connect to a storage object. Further details are available in the associated ADACOM job's messages.

Action   If the cause is not clear after examining the messages in the associated ADACOM, notify your Software AG technical support representative.

PLX057   {dbid} Dataspace/S64 delete failed

Explanation   The Adabas Parallel Services nucleus was unable to delete a storage object. Further details are available in the associated ADACOM job's messages.

Action   If the cause is not clear after examining the messages in the associated ADACOM, notify your Software AG technical support representative.

PLX058   {dbid} ALSERV failed

Explanation   An error occurred attempting to define an ALET to access shared dataspaces.

Action   If the cause is not clear after examining the messages in the associated ADACOM, notify your Software AG technical support representative.

PLX059   {dbid} pointer to IDTH is zero

Explanation   This is an internal error. The Adabas cluster terminates abnormally (abends).

Action   Contact your Software AG technical support representative.

PLX060   {dbid} Invalid function code for ADACLU

Explanation   This is an internal error. The Adabas cluster terminates abnormally (abends).

Action   Contact your Software AG technical support representative.

PLX061   {dbid} No useable PLXNUC found

Explanation   This is an internal error. The Adabas cluster terminates abnormally (abends).

Action   Contact your Software AG technical support representative.

PLX062   {dbid} Job is not authorized

Explanation   Adabas Cluster Services and Adabas Parallel Services nuclei must run with z/OS APF authorization.

Action   APF-authorize all load libraries.

PLX064   {dbid} Maximum NUCID is 65000

Explanation   The range of valid NUCIDs is 1-65000. The Adabas cluster terminates abnormally (abends).

Action   Provide a valid NUCID for the cluster nucleus and restart.

PLX066   **{dbid} Duplicate NUCID in active PLXNUC**

Explanation   An active PLXNUC entry was found in the PLXCB structure for the same NUCID as
                           the starting nucleus.

Action   Nucleus IDs must be unique. If the PLXNUC entry is the result of an earlier nucleus
                           that failed in such a way that it could not be deactivated, the ADARUN FORCE=YES
                           parameter will allow the PLXNUC to be overwritten. Note that incorrect or
                           inappropriate use of FORCE=YES, such as when the NUCID is still active, may cause
                           all nuclei in the cluster to fail and expose the database to corruption.

PLX067   **{dbid} Initialization of ADACLU complete**

Explanation   The Adabas cluster initialized successfully.

Action   No action is required for this informational message.

PLX068   **{dbid} Termination of ADACLU beginning**

Explanation   This message is informational only. It indicates whether shutdown processing for
                           ADACLU has begun.

Action   No action is required for this informational message.

PLX069   **{dbid} Termination of ADACLU complete**

Explanation   This message is informational only. It indicates whether shutdown processing for
                           ADACLU has been completed.

Action   No action is required for this informational message.

PLX071   **{dbid} ADACLU - Invalid CLUINTER eyecatcher**
                           {dbid} ADACLU - Invalid thread number
                           {dbid} ADACLU - CLUINTER in use

Explanation   These are internal errors. The Adabas cluster terminates abnormally (abends).

Action   Contact your Software AG technical support representative.

PLX073   **{dbid} NUCID in use as a cluster DBID**

Explanation   The NUCID cannot be the same as any DBID using the same IDT (ADASVC instance).

Action   Specify a different NUCID and resubmit the job.

PLX074	**{dbid} CLUFREEUSER command accepted**
Explanation	The CLUFREEUSER command syntax and operands have been validated.
Action	No action is required for this informational message.

PLX075	**{dbid} CLUFREEUSER invalid syntax starting {text}**
Explanation	An error was detected in the syntax or operands of a CLUFREEUSER operator command.
Action	Reissue the CLUFREEUSER operator command with correct syntax and operands.

PLX076	**{dbid} {message-text}**
Explanation	Various message texts (*message-text*) are associated with this message number. Each is explained in the following table:

Message Text	Explanation
No users were deleted	The CLUFREEUSER operator command was issued, but no eligible users were found to delete.
Not deleted pending RSP 9/20 is *number-of users*	The CLUFREEUSER operator command was issued but the FORCE parameter was not specified and the number of users specified were pending a response code 9, subcode 20.
Nunber of users deleted is *number*	The CLUFREEUSER operator command was issued and the number of users listed in the message were deleted.

Action	No action is required for these informational messages.

PLX078	**{dbid} A local single nucleus is already up (an IDTE is active for this DBID)**
Explanation	An Adabas Cluster Services or Adabas Parallel Services nucleus is attempting to start, but there is already an active single nucleus with the same DBID.
Action	Stop the single nucleus and try again.

PLX080	**UID mismatch freeing PLXUSER/UTE {address} UID {uid1} UTE {uid2}**
Explanation	ADACLU did not find the expected user ID string when attempting to release a PLXUSER (UTE).
Action	If the UTE value is all zeros, the UTE was already free. This can come about if an error recovery routine such as a z/OS ESTAE attempts to clean up by issuing CL commands. Natural has error recovery that may do this, particularly if a Natural program is canceled. If this is not the case, or the UTE is non-zero, this is an internal logic error. Contact your Software AG technical support representative.

PLX081	**{dbid} IDTHPRFX not found**
Explanation	This is an internal error. The Adabas cluster terminates abnormally (abends).
Action	Contact your Software AG technical support representative.

PLX082	**{dbid} DBID is zero**
Explanation	This is an internal error. The Adabas cluster terminates abnormally (abends).
Action	Contact your Software AG technical support representative.

PLX083	**{dbid} Obtain of IDTHPRFX failed**
Explanation	GETMAIN for the IDTH prefix (the 8-byte ID table header prefix element containing information about the database) is acquired above the 16MB line in ECSA, however there is insufficient space for the GETMAIN. Remote applications accessing the database may be affected.
Action	Possibly increase the region size or decrease other parameters to resolve this problem. For additional assistance, contact your Software AG technical support representative.

PLX084	**{dbid} Net-Work DBID target not held**
Explanation	During initialization, termination, or when an Entire Net-Work change of state is detected, the Entire Net-Work DBID target was found not to be assigned to any system.
Action	No action is required for this informational message.

PLX085	**{dbid} Net-Work DBID target not acquired**
Explanation	The Entire Net-Work DBID target could not be successfully assigned or acquired. This message is accompanied by others such as PLX046, PLX047, PLX048, and PLX089.
Action	If you are unable to determine the cause of the error, contact your Software AG technical support representative for assistance.

PLX086	**{dbid} Net-Work DBID target acquired by {system-name}**
Explanation	This message is issued when a nucleus has detected the DBID target is either released or not assigned, a suitable system was selected to acquire the target, and a nucleus on the system identified in the message (*system-name*) has successfully acquired the Entire Net-Work DBID target.
Action	No action is required for this informational message.

PLX087   **{dbid} Net-Work DBID target held by{system-name}**

Explanation   During initialization, termination or when an Entire Net-Work change of state is detected, the Entire Net-Work DBID target was found to be assigned to the system named in the message. This message is issued by all member nuclei whenever the DBID target assignment changes.

Action   No action is required for this informational message.

PLX088   **{dbid} Net-Work DBID target acquired by this image**

Explanation   This nucleus has successfully acquired the Entire Net-Work DBID target.

Action   No action is required for this informational message.

PLX089   **{dbid} Net-Work DBID target released by this image**

Explanation   The last nucleus, on the system to which the Entire Net-Work DBID target is assigned, is terminating. The DBID target is released and may be acquired by another system, should a suitable one become available.

Action   No action is required for this informational message.

PLX090   **{dbid} Attempting to create dataspaces/S64**

Explanation   The nucleus has signaled ADACOM to attempt to allocate cluster data spaces and shared 64-bit addressable memory objects.

Action   No action is required for this informational message.

PLX091   **{dbid} Attempting to delete dataspaces/S64**

Explanation   This nucleus is terminating and is the last nucleus of this DBID. ADACOM has been signaled to delete cluster data spaces and shared 64-bit addressable memory objects.

Action   No action is required for this informational message.

PLX092   **{dbid} Dataspaces/S64 deleted**

Explanation   The cluster data spaces and shared 64-bit addressable memory objects have been successfully deleted.

Action   No action is required for this informational message.

PLX093	**PLXUSER X2/{code} RSP {rsp}/{node}-{subcode} {target}**
Explanation	An Adabas Cluster Services or Adabas Parallel Services nuclei issued an internal X2 command to release a PLXUSER representing a user either originating from or routed to another system. Such users have PLXUSERs on both systems. The command failed with the displayed response code and subcode.

The *code* listed in the message identifies the reason for the X2 command:

Code	X2 Command Reason
8014	Delete PLXUSER on remote system.
8020	Query PLXUSER status for a user originating from a remote system.
8024	Query PLXUSER status for a local user assigned to a remote system.

Action	If the PLXUSER cannot be released at this time, attempts will be made at intervals to release it. Contact your Software AG technical support representative for assistance if the reason for the response code cannot be identified.

PLX097	**{dbid} Dataspaces acquired**
Explanation	The cluster data spaces and shared 64-bit addressable memory objects have been successfully allocated.

PLX099	**{dbid} ADACOM not available**
Explanation	ADACOM cannot be found.
Action	Determine why ADACOM is not available and correct the problem. Then restart.

29 PL6* - PRILOG6 Print Program Messages

The following message groups are described:

PL6000I	**Card read =>{control-card}**
Explanation	The PRILOG6 input control card that was read is displayed in the message
Action	No action is required for this informational message.

PL6001E	**Unrecognized input card**
Explanation	One of the control cards read was not recognized by PRILOG6.
Action	Ensure that all cards either being with PRILOG6 or an asterisk (*) for a comment line.

PL6002E	**Invalid parm: {parameter}**
Explanation	The specified input parameter or value in the PRILOG6 control cards is invalid.
Action	Correct the identified parameter and rerun the program.

PL6003E	**{CLOGLAYOUT mismatch}**
Explanation	The format of the log records does not match the value specified in the PRILOG CLOGLAYOUT parameter.
Action	Correct the identified parameter and rerun the program.

Messages from the System-Dependent Component

PL6D01	**DDCARD file failed to open, using defaults**
Explanation	The input card file could not be opened.
Action	If the defaults are used, there are no input cards and this file is not required. The message can be ignored. The default values are CLOGLAYOUT=5 and FIELDS=(LIST).
	If values other than the defaults are required, ensure that the file is available and rerun the job.

PL6D02	**DDCLOGIN file failed to open - no reports**
Explanation	The file containing the CLOG records did not open. No reports are printed.
Action	Ensure that the file is properly allocated and rerun the job.

30 SAGE* - VSE Batch Job Exit Utility Messages

These messages are written over the redisplayed SAGUSER batch control statements, starting in column 26, by the Software AG job exit utility (batch) for VSE systems.

SAGE020   **- SAGIPT not found in the SDL**

Explanation   An entry for the phase SAGIPT was not found in the SDL.

The SAGUSER control statements cannot be processed.

Action   Verify that the phase SAGIPT was loaded into the SVA (using the SET SDL command). Load the phase if required, run the program SAGINST, and resubmit the job.

SAGE021   **- DD name table not found**

Explanation   The control table used by the job control exit cannot be found.

The SAGUSER control statements cannot be processed.

Action   Verify that the program SAGINST ran correctly. If not, rerun it and verify that one of the following messages is displayed: SAGI005, SAGI006, or SAGI016.

SAGE022   **- No room in DD name table**

Explanation   The control table used by the job control exit is full.

The SAGUSER control statements cannot be processed.

Action   Wait until some of the currently running jobs have completed and rerun the job that received the error message.

SAGE023   **- Invalid or missing FILE=**

Explanation   The SAGUSER control statement does not contain a "FILE=" parameter.

                     The SAGUSER control statement cannot be processed.

Action   Add the correct file designation to the control statement and rerun the job.

SAGE024   **- Invalid or missing MEMBER=**

Explanation   The SAGUSER control statement does not contain a "MEMBER=" parameter.

                     The SAGUSER control statement cannot be processed.

Action: Add the correct member designation to the control statement and rerun the job.

SAGE025   **- Invalid SAGUSER control statement**

Explanation   The SAGUSER control statement does not contain any valid keyword parameters.

                     The SAGUSER control statement cannot be processed.

Action   Add the correct parameters to the control statement and rerun the job.

31 SAGI* - Batch Initialization Messages (VSE Only)

These messages are written to the operator console and to SYSLST by the optional Adabas job exit. See the Adabas Installation documentation for more information.

SAGI001	**Software AG jobexit V{v} installed**
Explanation	The Software AG job control exit is active.
Action	SAGUSER control statements will be processed.

SAGI005	**Table allocated (low) ADDR={addr}**
Explanation	The SAGUSER table was allocated in system GETVIS below the 16-MB line at the address indicated.

SAGI006	**Table allocated (high) ADDR={addr}**
Explanation	The SAGUSER table was allocated in system GETVIS above the 16-MB line at the address indicated.

SAGI010	**Software AG jobexit already installed**
Explanation	The Software AG job control exit can be installed only once.
Action	No action is required if the Software AG job exit is actually installed. If it is not, perform an IPL and reestablish the job control exit chain.

SAGI016	**Table already allocated ADDR={addr}**
Explanation	The program SAGINST has already allocated the DD name table.
Action:	No action is required if the Software AG job exit is actually installed. If it is not, perform an IPL and reestablish the job control exit chain.

SAGI091	**Unable to locate $JOBEXIT in SDL**
Explanation	The entry for phase $JOBEXIT was not found in the SDL.
	The Software AG job exit cannot be installed.
Action:	Get information on the version, release, and system modification level of the operating system and call Software AG for support.

SAGI092	**Unable to locate SAGJBXT in SDL**
Explanation	The entry for phase SAGJBXT was not found in the SDL.
	The Software AG job exit cannot be installed.
Action	Verify that phase SAGJBXT was loaded into the SVA.

SAGI093	**Phase SAGJBXT in error**
Explanation	The phase SAGJBXT loaded into the SVA is not the job control exit supplied by Software AG.
	The Software AG job exit cannot be installed.
Action	Verify a probable error during the linkage edit of SAGJBXT.

SAGI095	**Unable to determine VSE level**
Explanation	Information about VSE (i.e., version and release) could not be found in the supervisor.
	The Software AG job exit cannot be installed. A storage dump is produced.
Action	Obtain the VSE version and release level; call Software AG for support.

SAGI096	**SAGJBXT ID not found in $JOBEXIT table**
Explanation	An entry for SAGJBXT was not found in the $JOBEXIT table (for VSE 1.2 and above).
	The Software AG job exit cannot be installed.
Action:	Add an entry for SAGJBXT in $JOBEXIT and retry the program SAGINST.

SAGI097 **SAGJBXT phase {phase} not found**

Explanation The phase for SAGJBXT was found in the $JOBEXIT table (for VSE 1.2 and above), but the phase has not been loaded into the SVA.

The Software AG job exit cannot be installed.

Action Verify that phase SAGJBXT was loaded into the SVA.

SAGI098 **SAGJBXT phase {phase} not in SVA**

Explanation The phase for SAGJBXT was found in the $JOBEXIT table (for VSE 1.2 and above) and has been loaded, but not into the SVA.

The Software AG job exit cannot be installed.

Action: Verify that phase SAGJBXT was loaded into the SVA.

SAGI099 **SAGJBXT phase {phase} not valid**

Explanation The phase for SAGJBXT was found in the $JOBEXIT table (for VSE 1.2 and above) and has been loaded, but not into the SVA.

The Software AG job exit cannot be installed.

Action: Verify that phase SAGJBXT was loaded into the SVA.

SAGI101 **Allocation error (high) RC={ret-code}**

Explanation An attempt to allocate space for the DD name table in 31-bit mode failed. The return code is from the GETVIS macro.

The Software AG job exit will not process SAGUSER statements.

Action: Verify that enough storage is available in the SVA for the DD name table; then rerun SAGINST.

SAGI102 **Allocation error (low) RC={ret-code}**

Explanation An attempt to allocate space for the DD name table in 24-bit mode failed. The return code is from the GETVIS macro.

The Software AG job exit will not process SAGUSER statements.

Action: Verify that enough storage is available in the SVA for the DD name table; then rerun SAGINST.

32 SEFM* - ADASAF SAF Interface Messages

SAF Return Codes

ADASAF displays an eight-byte code containing various return and reason codes from SAF. This information is shown in a number of messages denoted "ssssssss".

The ADASAF return code "ssssssss" contains the following structure:

Position	Information Content	
Byte: 1	SAF return code	
Byte: 2	Function code. ADASAF internal function codes (hex) include:	
	04	Authorize Adabas access
	44 or 6C	Authenticate user
Byte: 3	Return code from security system, for example RACF	
Byte: 4	Reason code from security system, for example RACF	
Bytes: 5 - 8	SAF reason code	

Refer to the IBM manual External Security Interface (RACROUTE) Macro Reference manual for z/OS and z/VM for a thorough explanation of all possible return/reason codes. CA-Top Secret and CA-ACF2 can provide different return code values in some circumstances.

The following message groups are described:

SEFM001	***{ssssssss : user : resource}**
Explanation	The security system determined *user* does not have authorization for *resource*. System return and reason codes are given in the hexadecimal string *ssssssss*. This message is displayed when access has been denied to a particular resource.

SEFM008	***Adabas security (V{v.r}) started**
Explanation	ADASAF startup completed.

SEFM009	***Module {module-name} not loaded**
Explanation	ADASAF could not load the specified module.
Action	Ensure that the module is in the STEPLIB and the region size is sufficient.

SEFM013	***Less storage acquired than specified**
Explanation	ADASAF was not able to GETMAIN all the storage required to satisfy the buffer size specified in its parameters.
	Operation continues.
Action:	Ensure that the region size is sufficient and parameters are appropriate.

SEFM014	***No storage could be acquired**
Explanation	ADASAF could obtain no storage at system startup.
	Operation has terminated.
Action:	Ensure that the region size is sufficient and system parameters are appropriate.

error messages operator command Operator Command Messages (SEFM900 - SEFM914)

The following messages are displayed in response to operator commands:

SEFM900	*** Operator issued command: {command}**
Explanation	ADASAF received the specified operator command.

SEFM901	*** SAF server - General statistics (at 034A5000)**
Explanation	Operator command for general statistics was issued.

```
SEFM901 * SAF SERVER - GENERAL STATISTICS (AT 034A5000)
SEFM902 * RESOURCE   CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES ↵
LEN
SEFM903 * APPLICATION        1          0          0            ↵
0   8
SEFM903 * ADABAS             0          0          0            ↵
0  32
SEFM903 * SYSMAIN            0          0          0            ↵
0  13
SEFM903 * SYSTEM FILE        2          0          0            ↵
0  24
SEFM903 * PROGRAM            0          0          0            ↵
0  17
SEFM903 * BROKER             0          0          0            ↵
0  32
SEFM903 * NET-WORK           0          0          0            ↵
0   0
SEFM903 * SQL SERVER         0          0          0            ↵
0   0
SEFM904 * USERS - ACTIVE: 1 FREE: 55 OVERWRITES: 0
```

SEFM910	***SAF server - list all active users**
Explanation	Operator issued command to display list of currently active users.

```
SEFM910 * SAF SERVER - LIST ALL ACTIVE USERS
SEFM911 * USERID     CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES ↵
BUFF
SEFM912 * K11079             3          0          0            ↵
0   0
```

SEFM911	***{userid} . . .**
Explanation	Operator issued command to display statistics specific to a currently active user.

```
SEFM911 * NXB        CHECK(+VE) CHECH(-VE) CHECK SAVED OVERWRITES ↵
 BUFF
SEFM912 * APPLICATION        1          0          0           ↵
0    0
SEFM912 * DBMS CHECK         0          0          0           ↵
0    0
SEFM912 * SYSMAIN            0          0          0           ↵
0    0
SEFM912 * SYSTEM FILE        2          0          0           ↵
0    0
SEFM912 * PROGRAM            0          0          0           ↵
0    0
SEFM912 * BROKER             0          0          0           ↵
0    0
SEFM912 * NET-WORK           0          0          0           ↵
0    0
SEFM912 * SQL SERVER         0          0          0           ↵
0    0
```

SEFM913	*** No active users found in SAF server**
Explanation	No active users were found in ADASAF.

SEFM914	*** Requested user {user-id} not found in SAF server**
Explanation	The requested user was not found in ADASAF.

33 SM-PIN* - PIN Routine Messages

This section describes the messages produced in the plug-in (PIN) modules of the error handling and message buffering facility.

SM-PINTAUTOR1   **File number not found in thread**

Explanation   An autorestart error occurred and PINAUTOR attempted to exclude the file from autorestart processing. Because the file number is not contained in the thread, it is not possible to exclude the file and the nucleus terminates.

Action   Follow normal procedures for the parameter error 31 message.

SM-PINAUTOR2   **Will exclude file {file-number} from autorestart**

Explanation   The parameter error 31 message is related to the file number indicated in the message. The file has now been excluded from autorestart processing and an attempt will be made to perform autorestart without the file.

Action   An excluded file may become inconsistent and need to be restored from a backup using ADASAV RESTORE.

SM-PINAUTOR3   **Maximum number of files excluded from autorestart**

Explanation   The maximum number of files allowed to be excluded has been exceeded.

Action   Adjust the number of files allowed for exclusion in ADASMXIT and retry autorestart, or restore and regenerate your database.

SM-PINAUTOR4   **File or response code invalid for exclusion**

Explanation   The file or response code has been specified as ineligible for exclusion in ADASMXIT.

Action   Modify the ADASMXIT table to allow the response code or file and retry autorestart or follow the same recovery guidelines as for a parameter error 31.

SM-PINAUTOR5   **Not possible to exclude RSP {response-code}**

Explanation   The response code encountered may not be excluded

Action   Follow the recovery guidelines as specified for a parameter error 31

SM-PINAUTOR6   **Cannot exclude system file**

Explanation   The error relates to the checkpoint or security file. It is not possible to exclude either of these files.

Action   Follow the recovery guidelines as outlined for a parameter error 31.

IV Nucleus Error Messages and Response Codes

This part of the messages documentation describes error messages and response codes issued by the Adabas nucleus. These result from either normal or abnormal conditions that occur when starting the nucleus or when issuing Adabas nucleus commands.

The messages are grouped as follows:

- *Nucleus Startup Error Messages*
- *Nucleus Response Codes*

34 **Nucleus Startup Error Messages**

This section describes error messages and response codes issued by the Adabas nucleus. These errors may occur during nucleus startup, usually as the result of an ADARUN parameter error. The nucleus prints an error message and then terminates with an abnormal end (abend) code of 20 (see the **abend code descriptions**).

Refer to the Adabas Operations documentation for a description of the ADARUN parameters.

These error messages have the following format:

```
PARM-ERROR nnn [detected during system open]
```

-where "nnn" is one of the startup errors and has the corresponding meaning described here. The error message may be followed by a brief error description.

PARM ERROR 1

Explanation	The Associator data set(s) could not be opened, or an error occurred during processing of the GCBs:

- invalid or incorrect DEVICE parameter;
- missing or invalid JCL or data sets for ASSO;
- mismatching database ID; or
- missing checkpoint file.

This error may result from a data set not located on a cylinder boundary.

Action	For single-user mode, the appropriate Adabas job control statements must be specified.

PARM ERROR 2

Explanation	Data Storage data set(s) could not be opened. This probably indicates missing or invalid JCL or data sets for DATA.
Action	For single-user mode, the appropriate Adabas job control statements must be specified.

PARM ERROR 3

Explanation	The Work data set could not be opened, or the last Work block was not readable. This probably indicates invalid DD/WORKR1 JCL or data set, or a data set not located on a cylinder boundary.
Action	For single-user mode, the appropriate Adabas job control statements must be specified.

PARM ERROR 4

Explanation	The value of the ADARUN statement's number of threads (NT) parameter is invalid. The allowed range is from 3 to 250.

PARM ERROR 5

Explanation	The value of the ADARUN statement's number of hold queue elements (NH) parameter is invalid. The allowed range is from 20 to 16,777,215.

PARM ERROR 6

Explanation	The value of the ADARUN statement's user queue element count (NU) parameter is invalid. The allowed range is from 20 to 16,777,215.

PARM ERROR 7

Explanation	The value of the ADARUN statement's user ISN hold queue count (NISNHQ) is invalid. The allowed maximum is the smaller of 1/4 the NH parameter value and 65,535.

PARM ERROR 8

Explanation	The value of the ADARUN statement's command queue element count (NC) parameter is invalid. The allowed range is from 20 to 32,767.

PARM ERROR 9

Explanation	The value of the ADARUN statement's Adabas cluster nucleus ID (NUCID) is invalid. The maximum value is 65000.

PARM ERROR 10

Explanation	The value of the ADARUN statement's ISN list table length (LI) parameter is invalid. The minimum value is 2000.

PARM ERROR 11

Explanation	The value of the ADARUN statement's sequential command table (LQ) parameter is invalid. The minimum value is 2000.

PARM ERROR 12

Explanation	The value of the ADARUN statement's buffer pool length (LBP) parameter is invalid. The minimum value is 80,000.

PARM ERROR 13

Explanation	The value of the ADARUN statement's internal format pool (LFP) parameter is invalid. the minimum value is 6000.

PARM ERROR 14

Explanation	The value of the ADARUN statement's work pool length (LWP) parameter is invalid. The minimum value is 80,000.

PARM ERROR 15

Explanation	The value of the ADARUN statement's sort area length size (LS) parameter is invalid. The allowed range is from 19,968 to (LWP/2) -19,968.

PARM ERROR 16

Explanation	The value of the ADARUN statement's security pool length (LCP) parameter is invalid. The allowed range is from 2000 to 16,777,215.

PARM ERROR 17

Explanation   If you have Adabas Transaction Manager version 7.4 or earlier installed, the size of Work part 1 (the value of the ADARUN statement's LP parameter) is less than 200 blocks or greater than the Work data set size minus the space required for Work part 2 (the LWKP2 parameter), Work part 3 (minimum of 50 blocks), and, if used, Work part 4 (the LDTP parameter).

If you have Adabas Transaction Manager version 7.5 or later installed, the size of Work part 1 (the value of the ADARUN statement's LP parameter) is less than 200 blocks or greater than the Work data set size minus the space required for Work part 2 (the LWKP2 parameter), and Work part 3 (minimum of 50 blocks).

PARM ERROR 18

Explanation   Fewer than 50 blocks are available for Work part 3. Autorestart has been executed.

PARM ERROR 19

Explanation   The DBID of the general control blocks (GCBs) and DBID stored on the Work data set do not match. The Work data set contains autorestart information for a different database (DBID).

PARM ERROR 20

Explanation   GETMAIN below the 16MB line failed.

PARM ERROR 21

Explanation   The general control blocks (GCBs) contain an invalid device type. The GCBs may have been overwritten, damaged, or otherwise destroyed.

PARM ERROR 22

Explanation   An I/O error occurred when writing ASSO. The region is too small. The RABN that was to be written is printed.

PARM ERROR 23

Explanation   A nucleus entry already exists in the data integrity block (DIB) for one of the following reasons:

■ An attempt was made to start a nucleus while another update nucleus was still active; or

■ The previous nucleus session terminated abnormally but the "nucleus" DIB entry was not removed.

Action   If a DIB entry remained after an abnormal termination, rerun the job with the ADARUN IGNDIB=YES parameter. If running Adabas 8.1.4 or 8.1.3 with zap AN813055 applied with the FORCE=YES parameter set, then the nucleus must be started with FORCE=YES and IGNDIB=YES. Here the DIB entry will only be removed once the ID Table initialization had been successful. Running with IGNDIB=YES alone will result in a PARM ERROR 26.

PARM ERROR 24

Explanation   An I/O error occurred when reading ASSO. The RABN that was to be read is printed.

PARM ERROR 25

Explanation   The Adabas nucleus cannot be started because a conflicting utility DIB entry was found. Either a utility with exclusive database control or an ADASAV (SAVE FILE or SAVE database) job is running.

Action   If an ADASAV SAVE FILE or ADASAV SAVE (database) ended abnormally, the nucleus can be restarted with the ADARUN IGNDIB=YES parameter; however, the save tape cannot be used for future RESTORE operations.

PARM ERROR 26

Explanation   Interregion communication could not be established.

Action   Determine whether this error message is preceded by message: "ADAM98 *ddddd* TARGET INITIALIZATION ERROR: COMMUNICATOR RSP=*xxx*" If it is, the Adabas nucleus cannot start so do *not* restart it; instead, check the status of the Communicator.

Otherwise (if it is not preceded by error ADAM98), restart the nucleus with the ADARUN parameter FORCE=YES.

If running Adabas 8.1.4 or 8.1.3 with zap AN813055 applied, and with IGNDIB=YES specified, then the nucleus must be started with FORCE=YES and IGNDIB=YES. Here the DIB entry will only be removed once the ID Table initialization had been successful. Running with FORCE=YES alone will result in a PARM ERROR 23.

Note: Specifying FORCE=YES with the DBID of a currently active nucleus can disrupt operations on that nucleus. In addition, users of the old database whose ID is overwritten by the FORCE=YES option lose access to the database. Therefore, FORCE=YES should only be specified if absolutely necessary . For more information, refer to the FORCE parameter description in the Adabas Operations documentation.

PARM ERROR 27

Explanation	The ADARUN statement's PLOGRQ parameter is specified as or defaults to YES, FORCE, or SEL, but a protection log and related parameters have not been provided.

PARM ERROR 28

Explanation	The protection log (PLOG) data set(s) could not be opened, or the last dual or multiple PLOG block was not readable. This is probably due to incorrect PLOG data set definition, specification, or job control statements.

PARM ERROR 29

Explanation	Invalid command log (CLOG) device definition.

PARM ERROR 30

Explanation	FREEMAIN error.

PARM ERROR 31

Explanation	System autorestart error (see the nucleus response code).

PARM ERROR 32

Explanation	Error during buffer flush.

PARM ERROR 33

Explanation	Error during Work initialization.

PARM ERROR 34

Explanation	The nucleus is not allowed to start with READONLY=YES when an autorestart is pending.

PARM ERROR 35

Explanation	File control block (FCB) check failed. The FCB may have been overwritten or otherwise destroyed.

PARM ERROR 36

Explanation	Timer initialization failed, or operator communication could not be established.

PARM ERROR 37

Explanation	GETMAIN in common storage (CSA) failed; interregion communication could not be established. The specific reason is given in a detailed ADAMnn message.

PARM ERROR 38

Explanation	DIB overflow.

PARM ERROR 39

Explanation	Work pool is too small for the number of threads.
Action	Increase the LWP parameter value to at least 25 kilobytes times the number of threads.

PARM ERROR 40

Explanation	Database version mismatch: the database is not version *version revision-level*.
Action	Run the ADACNV utility to bring the database to the correct version.

PARM ERROR 41

Explanation	Parallel participant table (PPT) initialization error:

- an I/O error occurred reading or writing a PPT block (RABN); or
- a PPT length error occurred when a bad PPT block was encountered.

1	An error occurred reading the PPT block (RABN) to determine the PLOG entries from the last database session.
2	An error occurred trying to obtain the constant set for the PPT.
3	An error occurred in the PPT verification routine.
4	The PPT area is full; that is, there are already 32 active PPT entries.
5	An error occurred attempting to check for any active PPT blocks.
6	An error occurred while reading the PPT block prior to updating it.
7	A bad file name was detected in the PPT for the Work data set.
8	An error occurred trying to obtain the constant set for the PPT in order to log the Work data set in the PPT for the first time (no previous entry was found in the PPT for the Work data set).
9	A bad file name was detected in the PPT for the Work data set when logging the PPT entry for the first time (no previous entry was found for the Work data set).

10	An error occurred trying to obtain the constant set for the PPT entry in order to override a previous PPT entry.
11	A bad file name was found when attempting to log the PLOGR1 data set in the PPT.
12	A bad file length was found when attempting to compare the new PLOGR1 data set against the old one.
13	A bad file name was found when attempting to log the PLOGR2 data set in the PPT.
14	A bad file length was found when attempting to compare the new PLOGR2 data set against the old one.
15	An error occurred trying to obtain the constant set for the PPT prior to updating the PPT. Either a different PLOG data set was detected or no PLOGs are being used.
16	An error occurred when trying to obtain the constant set for the PPT prior to writing the PPT.
15	An error occurred when attempting to read the PPT block to ensure that no other nucleus is currently using the same PLOG.
18	An error was detected in the PLOG data set name when attempting to compare the current entry against other active entries in the cluster.
20	An internal error occurred attempting to initialize the PPT. Please contact your Adabas support representative supplying the DDPRINT and dump from the current session, a PPTPRINT, and the DDPRINT from the previous session.

PARM ERROR 42

Explanation   Error detected during system open:

- error writing PPT RABN; or
- a Work data set was already in use by another nucleus.

PARM ERROR 43

Explanation   Error detected during system open:

- either a PLOG was supplied that was different from the one used in the previous session, or no PLOG was supplied. The PLOG from the previous session has not yet been copied.
- PLOGRQ=FORCE was specified and either the PLOG from the previous session has not yet been copied or a UEX2 or UEX12 has not been specified.

PARM ERROR 44

Explanation	A noncluster nucleus attempted to start after a cluster failure; or, the first cluster nucleus is starting but there are already active blocks in the PPT. The nucleus is not allowed to start. Switching from single-nucleus mode to multi-nucleus cluster mode or from multi-nucleus cluster mode to single-nucleus mode is not allowed after an abnormal session termination.

PARM ERROR 45

Explanation	GETMAIN above the 16MB line failed; memory-related parameters probably too big.

PARM ERROR 46

Explanation	UQE could not be generated.
Action	Increase NU parameter.

PARM ERROR 47

Explanation	An I/O error occurred when reading or writing Work. The RABN that was to be read or written is printed.

PARM ERROR 48

Explanation	An error occurred during checkpoint generation:

- the takeover of checkpoints generated by offline utilities failed; or
- creation of the session start checkpoint failed.

PARM ERROR 49

Explanation	An I/O error occurred while reading or writing dual or multiple PLOGs. The RABN that was to be read or written is printed.

PARM ERROR 50

Explanation	Dual or multiple PLOG contains data from another database.

PARM ERROR 51

Explanation	Parameter conflict: READONLY=YES is not permitted with UTIONLY=YES.

PARM ERROR 52

Explanation	No dual or multiple PLOG available for protection logging. All PLOGs are due to be copied.

PARM ERROR 53

Explanation	At least one of the specified PLOG data sets is already in use by another nucleus in the cluster.

PARM ERROR 54

Explanation	IGNDIB=YES was specified but the DIB does not contain a conflicting nucleus or utility entry.
Action	Remove the IGNDIB parameter.

PARM ERROR 55

Explanation	Error while attempting to lock or unlock a global resource. An ADAN54 message preceding this parameter error indicates the specific global resource that could not be locked/unlocked.

PARM ERROR 56

Explanation	A DIB entry was found with an inconsistent group name. The associated nucleus may still be active. The DIB entry can be removed only by a nucleus of the same type (single, cluster) and the same CLUGROUPNAME as the DIB entry's owner.

PARM ERROR 57

Explanation	DIB entry missing. Another cluster nucleus is already active on this database, but its DIB entry is not present.

PARM ERROR 58

Explanation	The Work block size is too small to store the maximum compressed data record permitted in this database according to MAXRECL definition.
Action	Increase the Work block length.

PARM ERROR 59

Explanation	The Work block size is too small for the largest Associator block size present in this database.

PARM ERROR 60

Explanation	The PLOG block size is too small to store the maximum compressed data record permitted in this database according to MAXRECL definition.

PARM ERROR 61

Explanation	Important fields in the GCBs changed while this nucleus was starting. The nucleus is not able to handle this situation.
Action	Restart the nucleus.

PARM ERROR 62

Explanation	CPU timer initialization failed.

PARM ERROR 63

Explanation	RRDF=YES is not allowed. Note that the RRDF/ENET option for maintaining shadow databases is currently unavailable for cluster nuclei.

PARM ERROR 64

Explanation	An attempt was made to start a version 7.2 or above nucleus without first formatting the protection logs (PLOGs). PLOGs must be formatted when converting to version 7.2 or above.

PARM ERROR 65

Explanation	The ADARUN statement's NSISN parameter value is greater than the allowed maximum of (Work block size - 6) / 4.

PARM ERROR 66

Explanation	The ADARUN statement's LU parameter specifies a value greater than the byte count implied by the NAB (number of attached buffers) parameter. The error was detected during open operation.

PARM ERROR 67

Explanation	Initialization failed for DTP=RM or DTP=TM either because of conflicts in the DTP (distributed transaction processing) ADARUN parameter settings (perhaps with the MODE, READONLY, or LOCAL parameter settings as well) or because of problems with the DDWORKR4/WORKR4 data set used in transaction management. For more information, read about the DTP ADARUN parameter in the *Adabas Operations Manual* and the DDWORKR4/WORKR4 data set in *Adabas DBA Tasks*.
Action	Review the message(s) that precede this parameter error to determine the cause and resolution of the problem.

PARM ERROR 68

Explanation	If you have Adabas Transaction Manager version 7.4 or earlier installed, an invalid parameter was specified with DTP=TM:

- single user mode (MODE=SINGLE) is not allowed.
- LOCAL=YES is not allowed.
- READONLY=YES is not allowed.
- LDTP (Work part 4) specified with a nonzero value is not allowed.

If it is necessary for some reason to hold data about incomplete transactions in the TM, LDTP with a nonzero value can be specified but IGNDTP=YES must also be specified. The IGNDTP parameter is for emergency use only and should only be used in consultation with your Software AG technical support representative.

Caution: Whenever the data on Work part 4 is ignored, the integrity of the incomplete global transactions that are related to that data cannot be guaranteed.

If you have Adabas Transaction Manager version 7.5 or later installed, an invalid parameter was specified with DTP=TM:

- single user mode (MODE=SINGLE) is not allowed.
- LOCAL=YES is not allowed.
- READONLY=YES is not allowed.

PARM ERROR 69

Explanation	The vValue specified for the DTP parameter is invalid.
Action	Specify "RM" or "TM" or "NO".

PARM ERROR 70

Explanation	Error during generation of predefined formats:

- Reading system-file FCB or FDT failed;

- Translating internal format failed; or

- Pool for system-internal formats is too small.

PARM ERROR 71

Explanation	If you have Adabas Transaction Manager version 7.4 or earlier installed, an invalid parameter was specified with NUCID:

- MODE=SINGLE is not allowed.

- READONLY=YES is not allowed.

- LFIOP must be nonzero.

- If protection logs are used, dual or multiple PLOGs must be specified.

- MXMSG must be between 1 and 32767.

- NUCID must not equal UBID.

If you have Adabas Transaction Manager version 7.5 or later installed, an invalid parameter was specified with NUCID:

- MODE=SINGLE is not allowed.

- READONLY=YES is not allowed.

- LFIOP must be nonzero.

- If protection logs are used, dual or multiple PLOGs must be specified.

- MXMSG must be between 1 and 32767.

- NUCID must not equal UBID.

PARM ERROR 72

Explanation	Initialization of recovery logging failed.

PARM ERROR 73

Explanation	Response code 75 or 77 was received because the checkpoint file is full. Checkpoints from offline utilities may have been lost.
Action	Start the nucleus with UTIONLY=YES and reorder/increase the checkpoint file.

PARM ERROR 74

Explanation	The database will not start until the PLOG data sets have been copied or reformatted. Most likely, the database was restored and the PLOG data sets had not yet been copied. They still may be needed for the regenerate function.
Action	If the contents of the PLOG data sets are needed for a possible future regenerate function, run ADARES PLCOPY to copy them off. If the PLOGs are not needed, reformat them using the ADAFRM PLOGFRM function. In either case, start the nucleus after freeing the PLOG data sets.

PARM ERROR 75

Explanation	The nucleus cannot run with the recovery log (RLOG) feature if it runs without PLOG or if PLOGRQ=SEL is specified. The protection log (PLOG) data set is not available; that is, PLOGRQ=SEL or PLOGRQ=NO is specified.

PARM ERROR 76

Explanation	The nucleus was started with DTP=TM or DTP=NO, but Work Part 4 contains data about in-doubt transactions.
Action	Start the nucleus with DTP=RM.

PARM ERROR 77

Explanation	Machine clock (STCK) problem. The system was IPLed with the clock not set and running or set to an invalid date.
Action	Correct the date (timestamp) and restart the nucleus.

PARM ERROR 78

Explanation	Work part 2 has become too small because Work part 4 contains two-phase commit data that must be retained.

PARM ERROR 79

Explanation	The ENET user exit 10 is missing.

PARM ERROR 80

Explanation	ADACLU initialization failed and the nucleus terminated. A preceding **PLX**_nnn_ **message** from ADACLU provided more detailed information.
Action	Refer to the explanation and action of the preceding **PLX**_nnn_ **message**.

PARM ERROR 81

Explanation	A read-only (READONLY=YES) or single-user (MODE=SINGLE) nucleus cannot start if DTP=RM is specified.

PARM ERROR 82

Explanation	During session open, the system detected that a Delta Save logging (DLOG) area was installed but parameter DSF was not set to YES. DSF=YES must be specified to run with the Delta Save Facility.
Action	Restart the nucleus with parameter DSF=YES.

Alternatively, restart the nucleus with parameter DSF=NO; the nucleus then removes the DLOG area and runs in non-Delta Save mode.

Caution: After switching to non-Delta Save mode, it is not longer possible to perform delta save operations.

PARM ERROR 83

Explanation	Initialization of the Delta Save Facility failed. A preceding Delta Save operator message indicates the cause of the failure.
Action	Check messages from ADADSF.

PARM ERROR 84

Explanation	The DSF logging area could not be removed. Another Adabas cluster nucleus is already running with Delta Save Facility active.
Action	Start the nucleus with DSF=YES.

PARM ERROR 85

Explanation	The previous nucleus session terminated with Work overflow. The nucleus has no free space on Work part 1 for protection information that will be produced during session autorestart.
Action	In a cluster environment (Adabas Cluster Services or Parallel Services), start a different cluster nucleus (possibly a new one) with sufficient free space on Work part 1. In a non-cluster environment (base Adabas), restore and regenerate the database.

PARM ERROR 86

Explanation	VOL-SER table could not be established.

PARM ERROR 87

Explanation	Entire Conversion Services (ECS) initialization failed.

PARM ERROR 88

Explanation	A database that uses Universal Encoding Support (UES) needs a version 7 or above Adabas router. If the database uses UES features, it cannot work with an Adabas router (ADASVC) version 6.2 or below.
Action	Install a version 7.1 or above router (ADASVC).

PARM ERROR 90

Explanation	Invalid ADATCP configuration or UES=NO. Running with TCPIP=YES requires universal encoding support.
Action	Check and correct, if necessary, the TCPURL parameter. Install UES and specify UES=YES.

PARM ERROR 91

Explanation	Adabas cluster initialization failed. Either the program was not running authorized or the GETMAIN failed.
Action	Ensure that the program is APF-authorized. Review the space requirements for your system. If you are unable to determine the problem, contact your Software AG technical support representative.

PARM ERROR 92

Explanation	During session open, an attempt to join the Adabas cluster communication group failed. This error initializing the Adabas cluster messaging service is preceded by other messages explaining the specific error.

PARM ERROR 93

Explanation	Connect to lock structure failed.
Action	Review the lock structure definition requirements. If you are unable to determine the problem, contact your Software AG technical support representative.

PARM ERROR 94

Explanation	Connect to cache structure failed.
Action	Review the cache structure definition requirements. If you are unable to determine the problem, contact your Software AG technical support representative.

PARM ERROR 95

Explanation	Communication with other active Adabas cluster nuclei failed.
Action	Review the requirements for communication between cluster nuclei running on the same operating system image and between operating system images running members of the cluster. If you are unable to determine the problem, contact your Software AG technical support representative.

PARM ERROR 96

Explanation	Inconsistent structure name. Another Adabas cluster nucleus is already running with a different CLUCACHENAME or CLULOCKNAME parameter.
Action	Ensure that all nuclei in a sysplex cluster use the same coupling facility cache and lock structure names.

PARM ERROR 97

Explanation	Incompatible global parameters. Another Adabas cluster nucleus is already running with incompatible global parameters that cannot be modified online.
Action	Reset nonmodifiable global ADARUN parameters the same for all cluster nuclei. You may be required to stop nuclei, change the parameter settings, and restart.

PARM ERROR 98

Explanation	Locking/unlocking an Adabas cluster resource failed.
Action	Contact your Software AG technical support representative.

PARM ERROR 99

Explanation	Internal error.
Action	Contact your Software AG technical support representative.

PARM ERROR 100

Explanation	There are more than 31 nuclei in an Adabas Parallel Services cluster; this is not allowed.
Action	Reconfigure your Adabas Parallel Services cluster so that you have 31 or fewer participating Adabas nuclei.

PARM ERROR 101

Explanation	Invalid parameters specified with CLOGMRG=YES; LOGGING=YES is required; dual or multiple CLOGs are required.
Action	Specify the correct ADARUN parameters and restart the session.

PARM ERROR 102

Explanation	A cluster nucleus was started after abnormal termination with a different WORK data set. The PPT indicates that the previously used WORK data set still contains data, but this Cluster Service or Parallel Service nucleus was started with a different WORK data set.
Action	Restart the cluster nucleus with the previously used WORK data set. Change the WORK data set only after normal termination.

PARM ERROR 103

Explanation	Incompatible usage of dual PLOG data sets.
	If the first active nucleus uses PLOG data sets, all subsequent nuclei *must* use PLOG data sets. If the first active nucleus does not use PLOG data sets, all subsequent nuclei must *not* use PLOG data sets.

PARM ERROR 104

Explanation	Incompatible usage of UEX2 or UEX12.
	If the first active nucleus uses either UEX2 or UEX12, all subsequent nuclei *must* use either UEX2 or UEX12. If the first active nucleus does not use UEX2 or UEX12, all subsequent nuclei must *not* use UEX2 or UEX12.

PARM ERROR 105

Explanation	Improper configuration of Global Resource Serialization (GRS). A resource lock acquired by this nucleus was ineffective against a peer nucleus.
Action	Contact your system programmer to ensure that GRS is configured in a way that GRS resource locks are mutually effective against one another on all systems on which you intend to run Cluster Services nuclei.

PARM ERROR 106

Explanation	When LOCAL=YES is specified, all cluster nuclei for a database must start on the same system.
Action	If LOCAL=YES is the intended parameter setting, start all cluster nuclei for the database on the same system. Otherwise, change the parameter setting to LOCAL=NO.

PARM ERROR 109

Explanation	The Adabas nucleus tried to load a valid license module (load module ADALIC), but errors occurred. Other error messages providing more information about the error accompany this nucleus startup error
Action	Verify that you have received a valid Adabas license (via installation tape or e-mail) and that it was installed correctly, according to the Adabas database installation steps specific to your operating environment. If problems persist, contact your Software AG technical support representative for assistance.

PARM ERROR 110

Explanation	An error occurred when the Adabas nucleus called a hyperexit for initialization.
Action	Investigate the response code and subcode to determine the reason for the error.

PARM ERROR 111

Explanation   A parameter value for cluster nuclei is invalid:

■ MXCANCEL must be between 15 and 2,147,483,647 seconds.

■ MXCANCELWARN must be zero (0) or between 4 and (MXCANCEL–1) seconds.

■ MXMSG must be between 15 and 32,767 seconds.

■ MXMSGWARN must be zero (0) or between 4 and (MXMSG–1) seconds.

■ MXSTATUS must be zero (0) or between 15 and 21,474,836 seconds.

■ MXWTOR must be zero (0) or between 15 and 64,800 seconds.

Action   Correct the invalid parameter value to one of the valid values listed above.

35 Nucleus Response Codes

After each Adabas command is processed, a response code is returned in bytes 11 and 12 of the ACB or in the ACBX. Some response codes also return a subcode in the rightmost two bytes of the ACB's Additions 2 field (offset 45-48) or in the ACBX's Error Subcode (ACBXERRC) field (offset 115-116). This section describes those response codes and subcodes.

> **Note:** Proprietary functions of Adabas may also return response codes and subcodes, some of which are not described here. Refer to the documentation for those functions for more information.

Response code 0 indicates that the Adabas command was processed successfully; any other response code is returned as a result of an error during command processing.

All Adabas commands resulting in a response code other than 0, 1, and 145 restore all Adabas control block fields except the response code field (see the Adabas Command Reference documentation) to the contents the fields held at the beginning of command execution.

For internal errors, contact your Adabas technical support representative.

Response 0

Explanation	The command was executed successfully.

Response 1

Explanation	Depending on the subcode in the rightmost two bytes of the ACB's Additions 2 field or the ACBX's Error Subcode (ACBXERRC) field, one of the following has occurred:

1	An online SAVE operation cannot be executed without the nucleus' PLOG.
2	The selected record is not allowed.
3	S2 command did not have enough space.
4	S2/S9 internal program error.
5	System was not in save status at the end of an online ADASAV.

Note: When one of the subcodes 2-4 is present, the cause could be an S*x* command using security-by-value that found at least one ISN.

Action   Increase the ADARUN LS parameter value.

Response 2

Explanation   This response code can only occur with a BT or ET command. The BT or ET command executes successfully. One of the following has occurred:

1	Adabas attempted to hold an ISN already being held by another user.
2	The number of ISNs as specified in the ISN buffer was too large compared to the ISN buffer length (ET or BT command with the M option).
4	ISN is not on hold during multifetch ET/BT. ET/BT has successfully executed the ISNs so far released. The remaining ISNs are still on hold.

Response 3

Explanation   One of the following has occurred:

- An end-of-file or end-of-list condition was detected.

- A program tried to read/change a multiclient file's record using either a blank or incorrect-length owner ID, or an owner ID that is not allowed for the record.

Response 7

Explanation   A complex search command was rejected because it was estimated that it would exceed the maximum search time TLSCMD.

Response 8

Explanation   The current user's command was interrupted to prevent a Work overflow because of a pending backout operation.

Action   The value specified for the LP parameter might have to be increased.

Response 9

Explanation	A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. The following are the subcodes and their meanings:

1	The user was backed out because the hold queue was full *Action:* Set the number of hold queue elements (ADARUN NH parameter) higher, or tune the application to issue more frequent ET commands.
2	The transaction time limit (TT) has been exceeded, and the transaction was backed out. *Action:* Correct the cause of the timeout, then restart the transaction.
3	One of the following is the case: ■ The transaction non-activity time limit (TNAE, TNAX, or TNAA) has been exceeded. ■ The user was stopped by the STOPF or STOPI operator, or an Adabas Online System command. ■ A security violation response code has been returned for an ET-logic user. Information about response codes for security violations is provided in the Adabas Security documentation. ■ When a new user issues an OP cmd with the same user ID (in ADD1) as an earlier user did and the earlier user was inactive for more than 60 seconds, the new user can, by issuing a second OP cmd again (the first OP cmd will get response code 9, subcode 64), take over the user ID of the earlier user. When the earlier user becomes active again, this subcode can be received. *Action:* Correct the cause of the timeout, then restart the transaction.
15	The user was backed out because a pending Work area overflow occurred during this operation. *Action:* Either reduce the transaction length to lessen the data protection area requirement, or increase the protection area on Work.
17	At the end of an online recovery process that was initiated after the failure of a peer nucleus in an Adabas cluster, the nucleus was unable to reacquire the ETID specified by the user in the Additions 1 field of the OP command. *Action:* (In the application program:) Redo the OP command with the ETID specified in the Additions 1 field to reacquire the user ID. Contact your Software AG technical support representative.
18	The user's active transaction was interrupted and backed out because a peer nucleus in an Adabas cluster terminated abnormally. *Action:* (In the application program:) Rerun the transaction.

19	The user's active command was interrupted and stopped because a peer nucleus in an Adabas cluster terminated abnormally. If the interrupted command was using a command ID (CID), the command ID is deleted. *Action:* (In the application program:) Clean up and reacquire the current context pertaining to Adabas command IDs; rerun the transaction.
20	The Adabas cluster nucleus assigned to the user terminated while the user had an open transaction. The transaction has been or will be backed out. *Action:* (In the application program:) If the user was defined with a user ID (ETID) in the Additions 1 field of the OP command, redo the OP command to reacquire the ETID; clean up and reacquire the current context pertaining to Adabas command IDs; rerun the transaction.
21	The user's active command was waiting for an ISN in hold status when the user was backed out and closed due to a timeout or a STOP command.
22	The user's active command was waiting for free space in the work pool when the user was backed out and closed due to a timeout or a STOP command.
62	An OP (open) command was issued without a user/ET ID, which is required for this type of application or environment. *Action:* Correct the program to specify a user/ET ID, and rerun the program.
63	An OP command was given for an ET user not in ET status. The user is backed out with an Adabas-generated BT command, and the operation is closed. *Action:* Repeat the OP call.
64	An OP command was issued with an 8-byte ET ID that already exists.
66	An Adabas session with OPENRQ=YES was active and the user issued an Adabas command without having issued an OP command. *Action:* Ensure that all users issue an OP command as the first Adabas command.
67	Insufficient Work part 1 space for open command with ETID definition when trying to read the user profile.
68	The user queue element has been deleted. Most likely the command was thrown back due to ISN contention or space shortage. The space shortage is normally workpool space; if this is the case, the LWP parameter setting should be increased.
73-78	These subcodes are given only when Adabas Transaction Manager is in use. Review the Adabas Transaction Manager documentation for more information.
79	Used by Adabas System Coordinator to signal the (optional) terminal timeout. Review the Adabas System Coordinator documentation for more information.
80-99	These subcodes are given only when Adabas Transaction Manager is in use. Review the Adabas Transaction Manager documentation for more information.
130	In a cluster, the UQE of the user was deleted between the time the user's command was routed to one nucleus in the cluster and the time that nucleus selected the command for processing.

249	This subcode is given only when Adabas Vista is in use. Review the Adabas Vista documentation for more information.

Response 10

Explanation   Too many occurrences for a periodic group.

Response 17

Explanation   A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. The following are the subcodes and their meanings:

1	The program tried to access system file 1 or 2, and no OP command was issued. *Action:* Restructure the program to begin with an OP command.
2	The program tried to access system file 1 or 2, and the user is not authorized. *Action:* Change the program to avoid the access.
4	One of the following occurred: - The specified file number is invalid. - When running with ADARUN DTP={RM	TM}, an attempt was made by a non-ATM user to access/update an ATM system file.
5	The file is either not loaded, or has been locked by another user for privileged use. For ADAORD and ADAINV utility operations, the write phase has started and use of the file is now blocked for the type of operation you requested.
6	An E1 (delete record) command was given without specifying a valid file number.
7	The program tried to perform an LF command on system file 1 or 2.
8	The program tried to access a file that was not listed in the file list of an open (OP) executed with the R option.
9	The file that the program attempted to access is completely locked. This is usually because the maximum number of logical file extents that can fit into the FCB have been used. *Action:* Reorder, then unlock the file. Continue operation.
10	The program attempted to access a file which is locked with exclusive EXU status.
11	An LF command (read FDT) was run on a file that is not loaded; neither the FCB nor the FDT exists.
12	File has been locked with LOCKF.
13	A file is password-protected and the password was specified, but the corresponding security file is missing (not loaded).
14	A command was issued against a LOB file. Commands involving LB fields should be directed against the base file, not the LOB file.

15	A file is being loaded so its information is temporarily unavailable.
16	An attempt was made to perform an update (e.g. A1, E1, N1/2) against a file loaded with the attribute RPLUPDATEONLY=YES.
18	File has been locked with ALOCKF.
21	Not enough space for encoding elements (ECSE).
22	The required ECS objects needed for conversion between user and system data representation could not be loaded.
23	ECS object could not be located. The following objects must be available in the encoding objects library: File Alpha, File Wide EDD, User Alpha, User Wide EDD, and the PTOs for the combinations between file/user alpha/wide encodings. *Action:* Check that the required EDD and PTO objects are available.
24	ECS function get_attribute() failed. *Action:* The function's return code is logged with the nucleus message ADAN7A.
25	One of the following occurred: - A required encoding attribute was missing in an ECS object (encoding type, class, and flags) - The default space character length was > 4 - Default space table allocation failed - If DBCS-only plane exists, wide space character was undefined, or the length > 4, or wide space table allocation failed
29	An Adabas Review communication error has occurred. Contact your Software AG support representative.
249	This subcode is given only when Adabas Vista is in use. Review the Adabas Vista documentation for more information.

Response 18

Explanation   Invalid file number usage. The file number was modified between successive L2/L5 calls.

Response 19

Explanation   An attempt was made to update a file which was opened for access only. The leftmost two bytes of ACB's Additions 2 field or the ACBX's File Number (ACBXFNR) field may contain the file number.

Response 20

Explanation   One of the following invalid values was used for a command ID value:

- X'00000000'
- X'40404040'
- X'FFxxxxxx'

User Action: Avoid usage of any of the above command ID values.

Response 21

Explanation   An invalid command ID value was detected. One of the following explanations or subcodes is provided:

- The command ID value specified with the GET NEXT option of an L1/L4 command was not found.

- The command ID value was not found and the L3/L6 call was not an initial call.

- The command ID value specified for the L3/L6 command was assigned to another L2/L5 or L9 command.

- The command ID value specified for the L9 command was assigned to another L2/L5, L3/L6 or L9 command.

- An invalid global format ID was specified.

- The command ID is already present in the format pool, but for another file.

1: The command ID value was not found in the sequential command table. Either this is not an initial call and there was no previous initial call, or the initial call was issued for another file.

6: The command ID value specified for the S8 command was not found.

7: The command ID value specified was assigned to an internal format buffer for a different file.

8: The command ID value specified for the S8 command is for an unsorted ISN list.

9: An application running with PREFETCH=YES or PREFETCH=OLD attempted to dynamically reverse the read direction of an L3/L6/L9 command. This is not allowed.

Response 22

Explanation   The command is invalid. A subcode indicating the specific cause and action for this response code appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field.

When using the LNCSTUB module, this response code may indicate problems with the initial call (IC) to the Adabas CICS command-level link component. If the Adabas control block shows a command code of "IC", the link routine being used may not be at the proper release level or may not be the command-level version.

The following are the subcodes and their meanings:

1	The nucleus detected an invalid command code. *Action:* Correct the command code, and rerun the program.
2	This command cannot be issued by an ACC (access only) user.
3	This command cannot be performed on a read-only nucleus.
4	This privileged command was issued without a previous OP (open) command.
5	The command is not valid for a nonprivileged user.
6	The command was rejected by user exit 1.
7	Incorrect command options were specified for a privileged command.
8	The command is invalid for an ET user in preliminary ET status. First complete the transaction using Adabas Transaction Manager.
9	The current user is not authorized to issue an ET/BT command.
10	The C2 command is no longer permitted.
11	The C3 command can only be issued by EXU users.
12	The L1/4 command with the option "F" is not valid for expanded files.
13	The call issued is not permitted when the database is in a suspend state.
14	Invalid privileged command.
15	An L1 command specified the multifetch option "M" or "O" combined with either the "I" or "N" option.
16	The user does not have "privileged" command authorization.
17	Not permitted during online save.
18	Applications using the ADALNK X'48 call logic receive this response when the logic has been suppressed.
21	ET command is invalid for a distributed transaction managed by Adabas Transaction Manager.
22	The current transaction has already been heuristically terminated.
23	BT command is invalid for a distributed transaction managed by the Adabas Transaction Manager.
24	CL is invalid because the user has a transaction in progress that is managed by Adabas Transaction Manager.
25	A command was sent from an Event Replicator Server to an Adabas nucleus, but the Adabas nucleus is not running with ADARUN REPLICATION=YES.
26	An attempt was made by an Adabas nucleus to connect to an Event Replicator Server when the target of the message is actually another Adabas nucleus, not an Event Replicator Server.
28	A replicated utility may not be executed for a replicated file when the Adabas nucleus is running in single-user mode.
29	An error occurred during a connection attempt by an Event Replicator Server database. Ensure that you are trying to connect to another Adabas nucleus and not an Event Replicator Server and try again.

32	An attempt was made to update a replicated file in single-user-mode. Replicated files can be updated only in multi-mode; replication is not supported in single-mode. However, a nucleus with replication support can be started in single-mode for maintenance purposes.
50	The Router (LCC) detected an invalid command code. This may also arise when a new ACBX-type call is presented to a back-level router.

Response 23

Explanation   An invalid starting ISN was specified for an L2/L5 command sequence:

■ The ISN was not assigned to a record in the file; or

■ The ISN was greater than the MAXISN in effect for the file.

Response 24

Explanation   S9 command:

■ The ISN list in the ISN buffer was already sorted; or

■ The ISN list in the ISN buffer contained an invalid ISN; or

■ The "D" option was specified when trying to sort an ISN list by ISN.

Response 25

Explanation   The ISN specified in ISN lower limit field for an S1/S4 or S2/S9 command was not found.

Response 26

Explanation   An invalid ISN buffer length for an S9 command was detected. The number of ISNs to be sorted as provided in ISN quantity is equal to 0.

2	An S9 command with an ISN buffer contains ISNs that are higher than the TOP-ISN of the file.

Response 27

Explanation   Sufficient work space was not available to accommodate the combined sizes of the search and value buffers as indicated in the search buffer length and value buffer length fields.

| 1 | Sufficient work space was not available to generate the format translation. |

Response 28

Explanation   The first two bytes of the Additions 1 field contained an invalid descriptor for an L3/L6 or S2/S9 command:

- the Additions 1 field contained a descriptor different from that contained in the search buffer; or
- the field was not a descriptor; or
- the descriptor was changed between successive calls; or
- the descriptor is contained within a periodic group.

Response 29

Explanation   L3/L6 command; a value repositioning was attempted (bytes 3-4 of the Additions 1 field contain spaces) and the Command Option 2 field did not contain the value "V". The command ID is released.

Response 34

Explanation   An invalid command option has been detected.

Action   Either remove the invalid command option or replace it with a valid option.

Response 35

Explanation   The user/DBA attempted to perform a function for a noncluster Adabas nucleus that is available only for an Adabas cluster database.

Response 40

Explanation   One of the following syntax errors was detected in the format buffer:

- The terminating period was missing.
- The first position contained a period.
- Length and/or format was specified with a range definition.
- An invalid element was detected.

- The L9 descriptor name in the search buffer did not agree with the name in the format buffer.

- Format 'C.' was specified for an update command.

- Subcode 9: Selective format not allowed with multiple buffers

Response 41

Explanation   One or more specification errors exist in the format buffer. When possible, the short name of the field for which the error occurred is stored at offset 2 of the ACB's Additions 2 field or in the ACBX's Error Character Field (ACBXERRB). The following specification errors may have been made:

1	A phonetic descriptor or hyperdescriptor was specified.
2.	A field specification error occurred: ■ The specified field name is reserved for edit masks. ■ The field is not in the selected file.
3	An indexing error occurred: ■ No index was specified for a periodic-group name or field. ■ A group or multiple-value field index greater than the allowed maximum was specified. In Adabas versions prior to Version 8, this maximum is "191"; in Adabas version 8 or later, this maximum is "65,534". ■ The specified index was zero (0). ■ The specified index range is descending. ■ Indexes are missing for some of the multiple-value fields specified. ■ A reference to a multiple-value field count is missing an index.
4	A periodic-group error occurred: ■ A reference to a periodic group is missing an index. ■ The command specified a group containing a multiple-value field. ■ A periodic-group reference specifies a length/format. ■ No index was specified in a periodic-group reference.
5	A group error occurred: a group reference specified a length/format.
6	A multiple-value field error occurred: ■ A count was specified for a non-multiple-value field. ■ The methods for indexing multiple-value fields were mixed. Only one type of indexing can be used in the format buffer.

7	The descriptor name not found in FDT/SDT.
8	A length indicator (*fld*L) or asterisk notation (*fld*,*) is not allowed for field *fld* (for example, when *fld* is a superdescriptor or subdescriptor field)
9	1-N or x-N range notation is not permitted for elementary large object (LB) fields in a periodic group.
10	An LB field is not permitted in an L9 command.
11	A length indicator (*fld*L) or asterisk notation (*fld*,*) is not allowed for field *fld* (for example, when *fld* does not have the LA or LB option)
12	The old MU syntax is not allowed for LB fields.
13	A length indicator (*fld*L) or asterisk notation (*fld*,*) is not allowed with a count indicator (*fld*C) or field range (for example, AA-ZZ)
14	The length indicator (*fld*L) and asterisk notation (*fld*,*) are not allowed together (for example, *fld*L,*)
15	A length indicator (*fld*L) or asterisk notation (*fld*,*) is not allowed with a significance operator (for example, *fld*S).

User Action: Correct the specification error and reissue the command or job. For more information about syntax rules for multiple field and periodic group indexing, refer to the Adabas Command Reference documentation.

Response 42

Explanation   A space problem occurred. The following are the subcodes and their meanings:

1	The Work pool was too small to store a user format. *Action:* Increase the LWP specification and retry .
2	The internal format buffer was too small to store a user format (translated into internal structure). *Action:* Increase LFP specification and retry.

Response 43

Explanation   L9 command; the descriptor specified in the format buffer did not agree with the descriptor specified in the search buffer.

Response 44

Explanation   One of the following format buffer errors occurred (subcodes are shown in the leftmost column):

1,3	The format buffer specification was invalid (conditional format buffers are not allowed for update operations).
2,4	The L9 command's format buffer format is not allowed for other commands.
5	The L9 command specified a conditional format in the format buffer.
6	A floating-point field was addressed using a length other than 4 or 8; or a fixed-point field was addressed using a length other than 4.
7	Conditional format and more than one format buffer was specified.
8	The current Adabas call provides a different number of format buffers than the format reference by CID.

Response 45

Explanation   The internal format buffer space has been exceeded. Either the LWP parameter setting is too small or the internal format buffer requires more than 2 G.

Increase the size of the LWP parameter and try again. If the problem persists, contact your Software AG technical support representative for assistance.

Response 46

Explanation   The maximum value for the NQCID parameter was exceeded (the number of TBI and/or TBQ elements is greater than NQCID).

Response 47

Explanation   The maximum value for the NISNHQ parameter was exceeded. This value is 1/4 the ADARUN NH parameter value up to 65535.

Response 48

Explanation   An error occurred during the processing of a command such as OP or N1. Refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field.

1	A specified file is locked against the requested use.
2	A specified file is currently in conflicting use.
3	A utility cannot start because an online save operation is in progress.
5	A utility requiring exclusive database control cannot start because an online save operation is in progress.
6	A utility that requires exclusive database control cannot start because the user queue is not empty.
8	The user ID specified in the open command is already in use by another user.
9	An EXU/EXF/UTI lock was requested in the open command, but the file is currently in the file list of a user in UPD/EXU/EXF/UTI status.
10	An EXF/UTI lock was requested in the open command, but the file is currently in the file list of a user in ACC status.
11	A nonprivileged user issued an open command to a nucleus in UTIONLY status.
13	Online file save attempting to run on an advance-locked file.
14	UPD/ACC open attempted against advance-locked file.
15	A file requested for an online utility (Adabas Online System or ADADBS) or an E1 program refresh is currently being used.
16	ACODE or WCODE was specified in the record buffer on the command but the nucleus was not activated with UES support.
17	A specified file is locked against the requested use and is advance-locked.
18	A second command was issued by a user who is participating in a two-phase commit (preliminary ET completed; final ET outstanding) or whose transaction has been heuristically terminated.
19	The file number is zero or is greater than the maximum number of files allowed for the database (based on the MAXFILES parameter setting when the database was defined using the ADADEF utility).
20	A regenerate/backout with exclusive database control is rejected because there are in-doubt transactions or heuristically terminated transactions on Work part 4.
21	File is locked for utility usage.
25 - 30	Reserved for Adabas Transaction Manager. These subcodes are given only when Adabas Transaction Manager is in use. Please see the *Adabas Transaction Manager* documentation for more information.
31	File locked for normal usage
32	A file is in use by an exclusive update (EXU) user. An update request from another user is not permitted.
33	A file is locked for exclusive file control (EXF) or utility update (UTI) usage. The request from a user with a different type is not permitted.
257 - 260	Reserved for use by Event Replicator for Adabas on open systems.

Response 49

Explanation The compressed record was too long. It exceeds the maximum permitted compressed record length for the file. The following subcodes may be indicated:

1	Multiple-value (MU) field.
2	Periodic (PE) group field.
3	MU field.
4	PE group.
5	PE group level.
6	Remaining fields.
7	Record too long for protection logging (internal error).
8	A compressed record exceeds the permitted length. The error was detected when updating a multiple field.
10	Long alpha or wide field.
14	An MU update caused the compressed record to become too long.
15	An MU update caused the compressed record to become too long.
16	An MU update caused the compressed record to become too long.
18	An update to an LA field caused the compressed record to become too long.

Response 50

Explanation A syntax error in the record buffer was detected during processing of an OP command.

Response 51

Explanation An error in the record buffer was detected during processing of an OP command.

Response 52

Explanation One of the following errors occurred while processing the record, value, or search buffer. In an ACB, the rightmost two bytes of the Additions 2 field contain the subcode; for subcodes 1-5, the leftmost two bytes contain the Adabas name of the field where the error occurred. In an ACBX, the subcode is stored in the Error Subcode (ACBXERRC) field; for subcodes 1-5, the Adabas field name where the error occurred is stored in the Error Character Field (ACBXERRB).

1	Invalid packed or unpacked decimal value in record buffer.
2	Invalid length for variable-length field specified in record buffer.
3	Invalid null value or no value at all provided for field with NN option.
4	Invalid value for S element in record buffer.
5	Invalid value for S element in value buffer.
6	Encoding a collation descriptor value failed: the collation descriptor exit issued a return code.
7	Decoding a collation descriptor value failed: the collation descriptor exit issued a return code.
99	An invalid field length was specified.

Response 53

Explanation   One of the following errors occurred (the leftmost column indicates the subcode):

0	The record buffer is too small. *Action:* If the record buffer size ■ conflicts with the lengths specified in the format buffer, change either the record buffer size or the format buffer specifications to resolve the conflict. ■ conflicts with the established global format ID (GFID), either release the GFID or change the record buffer size to match the GFID. ■ default is too small to hold the records in the file including the DVT when running the ADAULD utility, increase the size of the record buffer by setting the ADAULD LRECL parameter. See the Adabas Utilities documentation for more information.
2	The ISN buffer is too small. *Action:* Increase the size of the buffer.
7	At least one of the record buffers was too small for the data defined in the corresponding format buffer. EDEERE contains the buffer number in error.
8	The referenced existing format buffer requires more space than that given in one of the record buffers. If this subcode occurs using ADACMP DECOMPRESS, the LRECL of the output record is too small.
249	This subcode is given only when Adabas Vista is in use. Review the Adabas Vista documentation for more information.

Response 54

Explanation   The record buffer for a C3, C5, or ET command is too long. The maximum allowed is 2048 bytes. The following subcodes (in hexadecimal) may be indicated:

1	The record buffer for the C3 command is too long.
2	The record buffer for the C5 command is too long.
3	The record buffer for the ET command is too long.

User Action: Correct the record buffer specification, then reissue the C3, C5, or ET command.

Response 55

Explanation   One of the following occurred:

- During a read-type operation, a field defined with the SQL null (NC) option contained a null value, but the format buffer held no "S" (significant null) indicator for the field.

  In an ACB, the Additions 2 may contain the field name in the leftmost two bytes; the rightmost two bytes may contain the offset into the record buffer. In an ACBX, the Error Character Field (ACBXERRB) may contain the field name; the Error Offset in Buffer (ACBXERRA or ACBXERRG) fields may contain the offset into the record buffer.

- Attempted format conversion was not possible due to incompatible data formats or other compatibility problems.

  In an ACB, the Additions 2 will contain the field name in the leftmost two bytes; the rightmost two bytes will contain the offset into the record buffer. In an ACBX, the Error Character Field (ACBXERRB) will contain the field name; the Error Subcode (ACBXERRC) field will contain the subcode.

0	Conversion error on record decompression.
1	Invalid conversion between formats.
2	Invalid length for fixed encoding. For example, user encoding Unicode with code-point size of 2 bytes and no even length specified.
4	Conversion error of a floating-point field (underflow) when converting to/from a non-IBM floating-point format.
5	Format conversion of field with NV option is not allowed.
6	An invalid length was specified (for example, a wide character field in Unicode encoding must have an even length).
7	Invalid conversion between formats (different case than subcode 1).
8	Conversion error of a floating-point field (overflow) when converting to/from a non-IBM floating-point format.

n	Data between user and system data representation could not be converted without error and 2-byte error code from ECS.
254	Numeric field length in format shorter than the field length in the FDT.
255	Field length exceeded maximum for variable fields.

Entire Conversion Service (ECS) error codes are described in *Entire Conversion Service (ECS) Errors*, elsewhere in the Adabas Messages documentation.

Response 56

Explanation   One of the following occurred:

.	The descriptor value was too long; or
n	The collation value exceeded the maximum 253 bytes. The subcode "n" is the collation descriptor exit number.

Response 57

Explanation   L9 command; the descriptor specified in the search buffer or in the Additions 1 field was invalid, or the descriptor was not specified.

Response 58

Explanation   The format could not be found (as defined within format selection criterion).

Response 59

Explanation   Format conversion of a subfield is not possible. The source field has "F" or "G" format.

Response 60

Explanation   A syntax error was detected in the format or search buffer. Generally in an ACB, the first two bytes of the Additions 2 field contain the two characters under inspection when the error was detected and the rightmost two bytes of the Additions 2 field in the ACB contain one of the following subcodes. In an ACBX, the Error Character Field (ACBXERRB) contains the two characters under inspection when the error was detected and the Error Subcode (ACBXERRC) field contains one of the following subcodes.

1	Format buffer length is invalid.
2	Invalid syntax element in the search buffer.
3	Missing start/ending apostrophe for literal value.
4	Literal of zero bytes.
5	Invalid delimiter or missing period.
6	Missing close parentheses ")".
7	Empty criterion: soft coupling or conditional format.
8	Invalid second character in a "FN" definition.
9	Edit mask number greater than 15.
10	Invalid character following field name specification.
11	Invalid form of case ABN(xxx)/ AB3(xxx)/ AB3-6(1-4).
12	More than 8 digits for a numeric value is not permitted.
14	Invalid L element definition.

Response 61

Explanation   An error was detected in the search buffer. One of the following subcodes may also be included with this response code:

Subcode	Meaning
3	An invalid logical operator was specified for an S8 command - Command Option 2.
7	This subcode indicates that one of the following errors occurred: ■ The length of a descriptor value was greater than 253. ■ Invalid file number specification. ■ Invalid selection criteria for an Event Replicator for Adabas initial-state definition. ■ Invalid usage of the "S" or "N" operator. ■ The element order was invalid. ■ The specified field was not a descriptor. ■ The specified field has the "LA" option active. ■ A descriptor contained in a periodic group was specified without an index. ■ Invalid connection of partial criteria or different indices were used for a descriptor contained within a periodic group. ■ Invalid periodic group index. ■ Invalid or disallowed use of a phonetic descriptor. ■ A descriptor derived from or contained in a periodic group is not allowed.

Subcode	Meaning
	■ The FROM-TO operator was specified with a phonetic descriptor.
	■ Invalid FROM-TO range specification, or the FROM value was greater than the TO value.
	■ The BUT-NOT value was outside the range of the preceding FROM-TO range.
	■ An invalid command option was specified for ISN LIST processing (S8 command).
	■ The search buffer "S" significant null indicator was specified with a value operator other than "EQ" (equals), which is not allowed.
8	An invalid FROM-TO range was specified. The BUT-NOT value was outside the range of the preceding FROM-TO value.
9	An invalid search criteria was specified.

Response 62

Explanation   One of the following has occurred:

■ The length of the search and/or value buffers as specified in the search and value buffer length fields, respectively, was not sufficient to accommodate the search criteria specified.

■ The first character in the search buffer was a "."

■ The search buffer does not contain a "."

Response 63

Explanation   The command ID value specified in the search buffer was not found.

Response 64

Explanation   This response code is used for communication with Adabas utilities and Adabas Online System (AOS), and was returned for one of the following reasons:

■ The requested function cannot be performed on Adabas system (including checkpoint and security) files. Refer to the ADAREP output report for a list of the system files, or to the subcodes in the job output for more information.

■ An error occurred in an AOS or utility function. For AOS, a subcode is displayed in the error message, following the AOS module number. For utility functions, the subcodes are described within the message text.

Action	If you do not understand the action to take for a response code 64 and/or subcode, note the subcode and the function that caused the response code, and call your Software AG technical support representative for assistance.

Response 65

Explanation	An internal error occurred. The nucleus detected a space calculation error.

Response 66

Explanation	An incompatible owner ID was detected during an update operation on a multiclient file. The owner ID may be blank, or too long.

Response 67

Explanation	One of the following errors occurred:

.	An internal error occurred while executing an Sx command.
2	An error occurred during superfield generation.

Action	Retain all related information, and contact your Software AG technical support representative for assistance.

Response 68

Explanation	A nondescriptor field was used as a search criterion, and the non-descriptor search facility has been set "OFF" (the default for this facility is "ON").
Action	The ADARUN parameter NONDES has been set to reject non-descriptor searches; either reset the NONDES parameter to its default value, or remove non-descriptor searches from your application. Natural provides a trace facility which locates such Natural application characteristics. Contact Software AG for details.

Response 70

Explanation	An overflow occurred in the table of sequential commands.
Action	The DBA may increase the value used for the LQ parameter and/or RC commands may be used.

Response 71

Explanation	An overflow occurred in the table of resulting ISN lists.
Action	The DBA may increase the value used for the LI parameter and/or RC commands may be used.

Response 72

Explanation	One of the following errors occurred:

7	An overflow occurred in the user queue.
8,9	An overflow occurred in the user queue file list pool.

Action	The DBA may increase the value used for the NU parameter.

Response 73

Explanation	An overflow occurred in the section of the Work data set in which resulting ISN lists are stored.
Action	The DBA may increase the size of the Work data set and/or the number of saved ISN lists during an Adabas session may be decreased.

Response 74

Explanation	No space was available on the Work data set for complex find commands.
Action	Increasing the size of the Work data set alone will not solve this problem. Instead, set the value of LWKP2 (WORK-PART-2) to a higher value than the calculated one (whatever that might be). Then increase the size of the Work data set to ensure there is sufficient space for WORK-PART-3.

Response 75

Explanation	Attempts to allocate additional logical file extents for a file were issued, but the maximum that can be handled by the FCB have already been allocated. BT or autorestart could cause the file to be locked because of inadequate extent space (see response code 48).
Action	Ask the DBA for assistance; Associator or Data Storage extents may have to be reallocated.

Response 76

Explanation   An overflow occurred in an inverted list index (the maximum is 15 levels).

Response 77

Explanation   Sufficient space was not available for a required Associator or Data Storage extent. The following subcodes further define the error:

1	FST empty.
2	AC START RABN not available.
3	AC END RABN not available.
4	FST will not fit into five ASSO blocks.
5	FST exhausted trying to allocate AC extent.
6	ASSO space allocation RABN not on device.
7	ASSO space on required device not available.
8	FROM RABN available, but contiguous space is not sufficient.
9	Data Storage space of the requested size is not available.
10	Data Storage space on the same device as the previous extent is not available.
11	FST is empty, or data storage for the current MAXRECL value is not available.
12	FST empty.

Response 78

Explanation   The cause of this response is indicated by one of the following subcodes:

1	The AC file cannot be increased; only one file extent is permitted.
2	The file contains more than either 4 billion or 16 MB of ISNs, depending on the ISN length.

Action   If the file has reached the 16-MB limit, you might convert it to a file with the 4-byte ISN option or to an expanded file.

Response 79

Explanation   A collation descriptor exit or hyperexit error occurred. The following table describes the possible subcodes for this response code and their meanings:

1	Either a collation descriptor exit (subcode 'CDX'*n* where *n* is the one-byte binary collation descriptor exit number) or a hyperdescriptor exits ("hyperexit") was not specified ADARUN.
5	The hyperexit stub was called for an extended MU/PE file.
6	Improper use of the parameter list was detected by the Hyperexit Stub. The most likely reason is that a hyperexit using the Adabas 8 parameter structures is linked to the Hyperexit Stub.
7	The Hyperexit Stub could not resolve the HEXOLD external reference.
8	Improper use of the parameter list was detected. The second word of the parameter list was modified.
9	A hyperexit did not return an output parameter area address.
10	A hyperexit rejected the call by setting a nonzero return code in the output parameter header.

Action   The following table describes the actions you should take for each possible subcode for this response code:

1	Reissue ADARUN with the CDX*nn* or HEX*nn* parameter. For more information about ADARUN parameters, read *Adabas Initialization (ADARUN Statement)*, in *Adabas Operations Manual*; for more information about user exits and hyperexits, read *User Exits and Hyperexits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*.
5	The Hyperexit Stub may not be used with extended MU/PE files. For more information about hyperexits, read *User Exits and Hyperexits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*.
6,7	Investigate the Hyperexit Stub link job. For more information about hyperexits, read *User Exits and Hyperexits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*.
8	A likely cause of the error is that a pre-Adabas 8 hyperexit was called without a linked Hyperexit Stub. For more information about hyperexits, read *User Exits and Hyperexits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*.
9	Hyperexits must return an output parameter area address upon return. For more information about hyperexits, read *User Exits and Hyperexits*, in *Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual*.
10	Investigate the hyperexit to determine why the call was rejected.

Response 82

Explanation   A hyperexit routine returned an invalid ISN.

Response 83

Explanation   Hypertable overflow.

Response 84

Explanation   Too many values were present for a subdescriptor or a superdescriptor.

Response 85

Explanation   Too many descriptor values were present for an update or add record command.

Response 86

Explanation   A hyperdescriptor exit return error occurred for one of the following reasons:

■ An incorrect sign for a packed descriptor value was created.

■ A value with an incorrect length byte was returned.

■ The ISN was changed by an update command.

Response 87

Explanation   The Adabas buffer pool is locked; it is too small to accommodate all blocks needed for (parallel) command execution.

Action   Check the length of the buffer pool (LBP) as follows:

1	Check the LBP value with DPARM.
2	Increase the ADARUN LBP parameter value;
3	Retry the operation. If the error recurs, call your Software AG support representative for assistance.

Response 88

Explanation   This response code generally occurs when there is a workpool (LWP) shortage. When this response code occurs, refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the ACB's Additions 2 field or in the ACBX's Error Subcode (ACBXERRC) field. This subcode describes what kind of operation encountered the error.

The following table describes the subcodes and provides recommended actions.

Subcode	Operation Encountering the Workpool Shortage	Action
1	Only active command is waiting for workpool space.	Increase the ADARUN LWP setting and try again.
	During session autorestart, insufficient workpool or user queue space was encountered.	Increase ADARUN LWP and NU parameter settings and try again.
2	Only active command is waiting for workpool space.	Increase the ADARUN LWP setting and try again.
3	A command waiting for workpool space was interrupted for transaction backout.	
4	A1 command	
5	E1 command	
7	Superfield value generation	
8	N1 command	
9	OP command	
10	Descriptor value generation	
11	Hyperdescriptor value generation	
12		
13	Subdescriptor value generation	
15	DTP=RM: A getmain error during Work-Part-4 initialization.	
16	Hard-coupled file update processing encountered a workpool shortage.	
17	A session autorestart encountered a workpool shortage.	
22	Online reorder by descriptor	
23	Online invert	
24	Work I/O buffers for session autorestart in cluster (offline/online recovery)	
25		
80	Spanned record processing	
96	Internal command queue full	
98	Cluster with DTP=RM: Recovery of distributed transactions encountered a workpool shortage.	
99	ET command with P-option	
	Descriptor value generation for multi-client file	
	Single-user mode: Command initialization	
	Replication: Setup of initial-state process	

Subcode	Operation Encountering the Workpool Shortage	Action
	DTP=RM: Insufficient user queue space during Work-part-4 initialization	Increase the ADARUN NU setting and try again.

Action   Review the actions described in the table above.

Response 89

Explanation   The UQE was already in use, and an attempt was made to execute two commands at the same time for the same user.

Response 94

Explanation   An I/O error occurred on DDWORKR4.

Response 95

Explanation   An I/O error occurred on the Work LP area.

Response 96

Explanation   An error occurred during ADARES REPAIR utility execution.

2	An I/O error occurred during nucleus termination; Additions 2 may contain RABN.

Response 97

Explanation   An I/O error occurred during buffer flush. Additions 2 may contain RABN.

Response 99

Explanation   An I/O error occurred.

Response 101

Explanation   An error has occurred using one of the client-based Adabas add-on products such as Adabas System Coordinator, Adabas Fastpath, Adabas Vista, Adabas Transaction Manager, or Adabas SAF Security.

■ Subcodes 1-20 are generated by Adabas Fastpath.

■ Subcodes 21-69, 32766 and 32767 are generated by Adabas System Coordinator.

Please refer to the documentation for the appropriate add-on product for further information on subcodes and console messages that can help you resolve the error.

Response 102

Explanation	Space calculation error.
Action	Retry the open operation.

Response 106

Explanation	The prefetch table record buffer specified in the UCB is too small.

Response 107

Explanation	Either a GETMAIN error occurred or there was insufficient space when performing prefetch. Prefetch is switched off.

Response 109

Explanation	The specified command ID is already active on another database for this user.

Response 110

Explanation	The command ID pool is full.
Action	Increase the size of either or both the ADARUN NQCID or NU parameters.

Response 113

Explanation	The specified ISN was invalid because one of the following occurred:

- An HI command was issued with ISN less than MINISN.

- An N2 command was issued with ISN equal to 0 or larger than the MAXISN in effect for the file.

- An N2 command was issued and the specified ISN was assigned to another record in the file.

- An A1, L1/L4, E1, or S1/S2/S4 (with FB) command was issued for a nonexistent ISN.

- An N1/N2 command tried to access a file protected by security-by-value, but the command user is not authorized to access the file.

- A read or update command tried to access a multiclient file's record using either a blank or incorrect-length owner ID, or an owner ID that does not apply to the record.

- Subcode 249 is given only when Adabas Vista is in use. Refer to the Adabas Vista documentation for more information.

Response 114

Explanation   A refresh file error occurred. One of the following subcodes may be present:

Subcode	Description
1	A file refresh is not permitted for the file (PGMREFRESH=NO) or the command ID field (ACBCID or ACBXCID) is not all blanks.
2	The user has not completed transactions to the file. Updates have been performed or records are still in hold, but the user has not issued an ET or BT command to commit or back out the updates.
3	Other users are accessing or updating the file. This is determined by the user access or update counts available internally to Adabas.
4	The file is a multiclient file and the user is not a superuser.

Response 123

Explanation   An error was reported by the Adabas cluster messaging service on the sender's side. The message was not sent. One of the following subcodes may be present:

Subcode	Description
4	No valid destination(s)
8	Too many destinations
12	Invalid message type
16	Invalid environment
20	Send buffer length exceeded
24	Receive buffer length exceeded
28	No replies or acknowledgment(s) before the message timed out. For more information about the timeout value, refer to descriptions of the ADARUN MXMSG parameter.
32	Unable to allocate AXMCB
36	Timed out on originating system
40	Timed out on destination system
44	Cancelled on destination system
48	Receive error on destination system
52	Unable to allocate buffer
80	Messaging is inactive
96	Terminate member unsuccessful
128	Other transport service error

Action   If you are unable to resolve the problem, contact your Software AG technical support representative.

Response 124

Explanation	An error was reported by the Adabas cluster messaging service on the receiver's side. The message was sent. One of the subcodes described for response code 123 may be present.
Action	If you are unable to resolve the problem, contact your Software AG technical support representative.

Response 125

Explanation	An internal error occurred when one cluster nucleus attempted to issue an internucleus command to one or more of the other cluster nuclei. This condition usually leads to abnormal termination.
Action	Contact your Software AG technical support representative.

Response 126

Explanation	A messaging error occurred during internucleus communication:

■ The nucleus did not respond within the allotted time (see the ADARUN MXMSG parameter); or

■ One or more problems occurred in what could be a broadcast; that is, a communication with multiple targets. In this case, each individual ACB contains either response code 0 or 123 or 124.

Action	If you are unable to resolve the problem, contact your Software AG technical support representative.

Response 129

Explanation	In an Adabas cluster environment, the user attempted to perform an Adabas function that is not yet supported by Adabas cluster nuclei.

Response 130

Explanation	An error identified by one of the following subcodes occurred in an Adabas sysplex cluster environment:

Subcode	Description
1	A user table entry (UTE/PLXUSER) was not found in the MPM 8 call. This may indicate that a command was directed to an Adabas Cluster Services or Adabas Parallel Services nucleus ID (NUCID), not the DBID.
2	A user table entry (UTE/PLXUSER) was not found in the MPM 12 call.
3	A command queue entry (CQE) was not found in the MPM 8 call.
4	An intermediate user buffer (IUB) was not found in MPM 8 call.
5	An Adabas control block not found in MPM 8 call.

Subcode	Description
6	An invalid UTE/PLXUSER was found on the nucleus chain .
7	An invalid UTE/PLXUSER was found on the user chain add.
8	An invalid UTE/PLXUSER was found on the "lura" chain (that is, the linked list of UTEs representing local users remotely assigned) delete.
23	An invalid CQE was found.

Action   For subcode 1, correct the application program attempting to issue commands using the NUCID. If that is not the case, or for other subcodes, contact your Software AG technical support representative for assistance.

Response 131

Explanation   In most cases this response code will be given to the user in the URBRRSP field of the URBR block with the subcode in the URBRSUB field. The subcode appears either in the low-order (rightmost) two bytes of the additions 2 field or in the URBRSUB field. It indicates the specific cause and action for this response code. The following are the subcodes and their meanings:

CodeMeaning

1   The combination of URBD plus payload data does not fit in the output buffer.
Action: Change the subscription definition to make the record shorter.

2   The subscription user exit set a value in URBRERRC.
Action: Check the URBRERRC field and correct the error if appropriate.

3   There is insufficient space in the nucleus replication pool. In other words, the value specified by LRPL has been exceeded.
Action: Increase the LRPL size of the nucleus and try again.

4   There is insufficient space in the Event Replicator Server replication pool. In other words, the value specified by LRPL has been exceeded.
Action: Increase the size of the LRPL parameter and try again.

5   The subscription user exit modified data length (URBDLEND) to an invalid value.
Action: Check the subscription user exit.

6   The response destination (URBIRNAM) specified in a client request is undefined or not usable for sending the response.
Action: Correct the status request to specify the name of an existing destination definition.

7   Both the subscription (URBISNAM) and the destination (URBIDNAM) to be specified in a status request are missing. At least one of them must be specified.
Action: Correct the status request.

8   The subscription (URBISNAM) specified in a status request is undefined.
Action: Correct the status request.

9   The initial state name specified was not found.
Action: Correct the initial-state request.

CodeMeaning

10   The destination for response in URBI following URBI 1 is not equal to those of URBI 1.
Action: Correct the initial-state request.

11   The initial state name in URBI following URBI 1 is not equal to that of URBI 1.
Action: Correct the initial-state request.

12   The combination of DBID and file specified in the initial-state request is not found in the initial-state definition.
Action: Correct the initial-state request.

14   Not all combinations of DBID and file are specified in the initial-state request. A URBI must be sent for each DBID/file specified in the initial-state definition.
Action: Correct the initial-state request.

15   Field URBILEND is invalid.
Action: Correct the initial-state request.

16   The specified ISNLIST is invalid.
Action: Correct the initial-state request.

17   The initial-state process has been stopped by an operator request.
Action: No action is required.

18   Different request tokens have been specified in different URBI elements in the same message.
Action: Correct the initial-state request.

19   Selection data is not allowed for an initial-state definition for all records or for destination open/close client requests.
Action: Correct the initial-state or destination open/close client request.

20   Invalid input data for decompression was found during the subscription phase.
Action: Check the index of the replicated file.

22   The file/DBID supplied for the initial-state process is deactivated for replication.
Action: Check the cause of deactivation and repeat the request after reactivation.

23   Invalid UES parameter in URBI . URBIARC, URBIACOD, and URBIWCOD must contain invalid values and must not be all blanks.
Action: Verify that the URBIARC, URBIACOD, and URBIWCOD elements are not all blanks.

24   Invalid UES parameter in URBI.

URBIARC, URBIACOD and URBIWCOD must be zero for input requests where encoding and architecture is not evaluated -- that is, for status requests, destination open/close requests, "initial state all records" or "initial state ISN list" requests.
Action: The URBIARC, URBIACOD, and URBIWCOD elements must be zeros for "initial state all records" requests, "initial state ISN list" requests, status requests, or destination open/close requests. Verify that this is the case.

25   The unused URBIRES1 and URBIRES2 fields must contain binary zeros for all requests.
Action: Verify that these fields contain binary zeros.

CodeMeaning

26 The destination (URBIDNAM) specified in a client request is either undefined or not usable for sending the response.
Action: Correct the client request.

27 No active destinations for status request.
Action: No action is required.

28 An initial-state request was issued to an Event Replicator Server address space that was terminating as a result of an ADAEND or HALT command. An initial-state request may only be issued when the Event Replicator Server is active.
Action: Reissue the initial-state request when the Event Replicator Server has been restarted.

30 Unknown response destination name in URBIRNAM for a prior-transaction request.
Action: Correct the prior-transaction request.

31 Unknown destination name in URBIDNAM for a prior-transaction request.
Action: Correct the prior-transaction request.

32 Unknown or omitted subscription name in URBISNAM for a prior-transaction request.
Action: Correct the prior-transaction request.

33 Destination in URBIDNAM is not related to subscription in URBISNAM for a prior-transaction request.
Action: Correct the prior-transaction request.

34 Subscription in URBISNAM has no resend buffer defined for a prior-transaction request.
Action: Correct the prior-transaction request.

35 Transaction in URBITSNR for subscription in URBISNAM was not found in the resend buffer. The transaction may have been overwritten in the circular resend buffer.
Action: Check the source of the transaction number.

36 The subscription in URBISNAM is not active.
Action: No action is required.

37 An invalid transaction was found in the resend buffer. This is an internal error.
Action: Notify your Software AG technical support representative.

38 There are no active destinations for a prior-transaction request.
Action: No action is required.

39 URBILEND must be zero for prior-transaction requests.
Action: Correct the prior-transaction request.

40 URBIDBID and URBIFNR may not be specified for this type of client request.
Action: Correct the client request.

41 URBIINAM may not be specified for prior-transaction requests.
Action: Correct the prior-transaction request.

CodeMeaning

42 UES parameters URBIARC, URBIACOD and URBIWCOD may not be specified for prior-transaction requests.
Action: Correct the prior-transaction request.

43 Reserved fields URBIRES1 and URBIRES2 must be zero for prior-transaction requests.
Action: Correct the prior-transaction request.

44 Number of active concurrent initial-state requests exceeded IMAXREQ.
Action: Increase the IMAXREQ setting or reduce the number of active concurrent initial-state requests.

45 Input request URBH eyecatcher is invalid.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

46 Input request URBHLEN is invalid.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

47 Input request URBHBORD is invalid.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

48 Input request URBHVERS is invalid.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

49 Input request message truncated.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

50 Input request URBHLENT is invalid.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

51 Input request URBILENH is invalid.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

52 Input request URBILEND is invalid.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

CodeMeaning

53   Input request URBILEN is invalid.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

54   Input request reserved area is not zero.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

55   Input request more than one status received.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

56   Input request invalid URBI request received.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

57   Input request different interleaved requests received.
Action: Verify that you are submitting only one kind of request to the Event Replicator Server. Only one type can be submitted at a time (for example, you cannot request initial-state processing and transaction status information requests in the same message).

Correct the input information and try again. For more information, read Event Replicator Client Requests in Event Replicator for Adabas Application Programmer's Reference .

58   Invalid destination for response.
Action: Correct the input information and try again. For more information, read Event Replicator Client Requests in the Event Replicator for Adabas Application Programmer's Reference .

59   A replay request was issued for a database not defined to the Event Replicator Server.
Action: Correct the DBID in the replay request or define the database to the Event Replicator Server.

60   Invalid replay token. The replay token is not defined or is outdated.
Action: Specify a valid replay token.

61   Invalid request sent to Event Replicator Server. RBL is insufficient, no FB provided on initial handshake or other such errors.
Action: Notify your Software AG technical support representative.

62   After an Adabas failure and session autorestart, replication data was recovered for which a matching FDT was no longer available. The FDT had been changed or deleted by a utility operation. Adabas suppressed the record images of the replicated records, because without a matching FDT, the Event Replicator Server could not process them.
Action: Use application-specific means to bring the replicated data in sync again, if necessary.

CodeMeaning

63 The file specified in a C5 command with R-option is not replicated.
Action: Specify the file number of a replicated file.

64 The filter defines a comparison between two field types for which a comparison is invalid.
Action: Correct the filter definition.

65 The filter refers to a field that is not defined in the internal format buffer.
Action: Correct the filter definition or define the field in the database.

66 The filter defines a comparison against a field that is not selectable as it has no type (for example, a superdescriptor).
Action: Correct the filter definition.

67 The filter uses values in an FLIST specification that are invalid or out of range.
Action: Correct the filter definition.

69 Replay for same DBID/FNR already running.

71 Date/time format or value incorrect for replay.
Action: Check the syntax of the specified date and time values. Do not specify future date and time values.

72 Incorrect replay parameters.
Action: Check and correct the specified replay parameters.

73 A subscription involved in the replay was inactive at the beginning of replay processing or was deactivated while the replay was running.
Action: Reactivate the deactivated subscription and rerun the replay process for the subscription.

74 A destination involved in the replay was inactive at the beginning of replay processing or was deactivated while the replay was running.
Action: Reactivate the deactivated destination and rerun the replay process for the destination.

75 A replay destination that was defined without SLOG was closed at the beginning of replay processing or while the replay was running.
Action: Reopen the closed destination and rerun the replay process for the destination.

76 ADARPL terminated abnormally.
Action: Investigate the cause of the error, correct it, and run a new replay job.

77 Invalid replay status transition. Events that change the status of a replay process occurred in an unexpected order.
Action: Notify your Software AG technical support representative.

78 New transactions from Adabas could not be kept on hold during a replay in synchronized mode.
Action: Run a new replay process involving the same subscriptions and destinations as the previous replay process to recover the replication data that Adabas produced while the first replay was running.

79 A replay process was canceled by a user (RPLCLEANUP operator command).
Action: If appropriate, run another replay job with corrected parameters.

CodeMeaning

80   A timeout occurred while the Event Replicator Server was waiting for the end of a synchronization process after reactivating replication for a file in Adabas. The synchronization process ends when all transactions have finished that had updated the file before it was reactivated.
Action: Wait until the Event Replicator Server reports the activation of the file (ADAF2L message). Then run a new replay job.

81   A utility other than ADARPL specified a replay token when connecting to the Event Replicator Server.
Action: Notify your Software AG technical support representative.

82   The Event Replicator Server is not connected to Adabas at the start of a replay process with the TOKEN parameter.
Action: Start Adabas and let it connect to the Event Replicator Server. When running a replay with the TOKEN parameter, Adabas must be active.

83   Neither a subscription nor a destination was specified in a replay request.
Action: Specify at least one subscription or destination.

84   A replay in replay-only mode was requested, but replication data from Adabas would flow through an active subscription-destination pair involved in the replay. For a replay in replay-only mode, some subscriptions and destinations must be inactive such that no data from Adabas can flow through the same subscription-destination pairs as the replay data from ADARPL.
Action: Change the replay parameters or the activation status of the subscriptions or destinations involved in the replay.

85   A file involved in the replay was inactive at the beginning of the replay or deactivated while the replay was running.
Action: Reactivate the deactivated file and rerun the replay process for the subscriptions involved in the replay that get data from the file.

86   Invalid format buffer was specified for destination-type Adabas update commands
Action: Correct the format buffer.

87   An unexpected message sequence number was encountered.
Action: Contact your Software AG support representative.

88   An unrecognized eye-catcher was encountered in control block following the URBH.
Action: Contact your Software AG support representative.

89   The same subscription name was specified more than once for an Adabas automated replay (defined using the Adabas Event Replicator Subsystem or Event Replicator Administration).
Action: Verify that a subscription is specified only once in an automated replay, and try again.

90   The same destination name was specified more than once for an Adabas automated replay (defined using the Adabas Event Replicator Subsystem or Event Replicator Administration).
Action: Verify that a destination is specified only once in an automated replay, and try again.

CodeMeaning

91   The replay start date and time were not supplied for an automated replay (defined using the Adabas Event Replicator Subsystem or Event Replicator Administration) or for multiple destination open/close client requests.
Action: Verify that a destination is specified only once in an automated replay or in multiple destination open/close client requests and try again.

92   The timeout parameter specified for an automated replay was too high.
Action: Reduce the timeout parameter value and try again.

93   PLOG information was not recorded in the Event Replicator Server system file.
Action: Contact your Software AG support representative.

94   The AI/BI format buffer was used also for the key. An attempt was made to decompress a key value, but the related format buffer is for data storage and not for a key.
Action: Contact your Software AG support representative.

95   An attempt to set user/Event Replicator Server encoding 01-RPEQU * failed. This might occur if you are using enhanced filtering logic and UES SACODE/SWCODE/SARC values are set for a subscription.
Action: Contact your Software AG support representative.

96   The Adabas nucleus that was the target of an initial-state request returned response code 148, indicating it is not available.
Action: Start the targeted Adabas nucleus and retry the initial-state request.

99   The subscription name (URBISNAM) specified in the destination open/close client request contains a value other than spaces.
Action: Correct the destination open/close client request by setting this field to spaces.

100   The transaction sequence number (URBITSNR) specified in a destination open/close client request contains a value other than binary zeroes.
Action: Correct the destination open/close client request by setting this field to binary zeroes.

101   The destination open/close request failed on some tasks.
Action: Investigate the cause of the error.

102   The destination open/close request failed.
Action: Investigate the cause of the error.

103   The destination open/close request was not performed because the destination's status was already in the state being requested. In other words, the destination was already opened or closed.
Action: No action is required.

104   Begin byte in field filter is longer than the field length.
Action: Adjust the specifications for the beginning byte or length and try again.

105   Begin byte plus the portion length in the field filter is longer than the field length.
Action: Adust the specifications for the beginning byte or the portion length and try again.

CodeMeaning

106 Begin byte or length not supported for field with format U, P, F, G, or W.
Action: Specifying a beginning byte or length is only supported for alphanumeric and binary fields. Change the field on which you are working or abandon this attempt.

107 Length value invalid for field.
Action: Adjust the length specification and try again.

108 Input request URBI eyecatcher is invalid.
Action: Correct the input information and try again. For more information, read *Event Replicator Client Requests* in the *Event Replicator for Adabas Application Programmer's Reference*.

Response 132

Explanation   This response code indicates that an error occurred while Adabas was reading or updating a *LOB file*. The subcode indicates the kind of error.

If the subcode is less than 256, it is the same as the original response code that occurred during LOB file processing. The most likely subcodes are listed in the table below. For subcodes not listed, see the description of the Adabas response code with the same value.

If the subcode is greater than 256, it signals an error condition unique to the processing of LOB files. These subcodes are listed in the table below.

Subcode	Description
8	A LOB file operation was aborted due to a pending backout of the user's command or transaction. One reason for this backout may be that the user's transaction occupied too much space on the protection area on the Work data set (see response code 9, subcode 15).
17	The LOB file is not loaded.
48	The LOB file is locked for exclusive read or update by another user.
65	An internal error in the work pool space calculation occurred for LOB file processing.
113	A LOB file segment record was not found in the Address Converter element referred to by the LOB file index. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB file read operation.
145	An attempt failed to put a LOB file segment record on hold for a user, because it was already held by another user. This subcode indicates illegal update contention for the same large object field value. The base file-LOB file pair is possibly inconsistent.
165	The LOB file descriptor is not found in the index; The LOB file index is bad.
172	An ISN in the LOB file index is bad. The LOB file may be physically inconsistent.

Subcode	Description
175	The descriptor value in a LOB file segment record differs from the descriptor value in the LOB file index. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB file read operation.
177	A LOB file segment record was not found in the Data Storage block referred to by the Address Converter. Either the LOB file is physically inconsistent or an illegal concurrent LOB file update occurred during the LOB read operation.
257	An error in the base file-LOB file linkage exists; a file with LB fields is not really the *base file* of the *LOB group*.
258	An error in the base file-LOB file linkage exists; the file linked to the base file of a LOB group is not really a LOB file.
259	An error in the base file-LOB file linkage exists; the LOB file linked to a base file of a LOB group refers back to a different base file (or none at all).
260	An error in the base file-LOB file linkage exists; either no LOB file was linked to a base file or the LOB file number is invalid.
261	The LOB file has been left in an inconsistent state by an aborted utility execution.
262	An LB field length element specification error occurred in the format buffer (`'xxL,4,B'` was expected).
263	An invalid LOB file segment descriptor was encountered. The set of LOB file segment records associated with one LB field value is inconsistent. Either the LOB file is bad or an illegal concurrent LOB file update occurred during the LOB file read operation.
264	An invalid LOB file segment record was encountered. The contents of a LOB file record are inconsistent. The LOB file is bad.
265	The length of an LB field value in the LOB file differs from the length stored in the associated base file record. Either the base file and the LOB file are out-of-sync or an illegal concurrent LOB file update occurred during the LOB file read operation.
266	A bad LB field value reference was encountered in a base file record. The base file is bad.
297	A planned feature for large object (LB) fields (for example, character code conversion of LB field values) is not yet supported.
298	Too many (more than 32,767) LB field occurrences were specified in the format buffer.
299	An internal error occurred due to LOB file processing.

Response 133

Explanation   An error was detected when an attempt was made to replicate a compressed record. The subcode identifies the kind of error.

Subcode	Description
1	The function is not permitted for this type of file. The file is a LOB-file.
2	The compressed input record length is invalid .
11	The record structure is invalid.
12	An invalid elementary empty field was encountered. The structure does not agree with the FDT definition.
13	An invalid multiple-field count was encountered.
14	An invalid periodic group count was encountered.
15	An invalid structure of an elementary field was encountered.
65	A space calculation error occurred.

Response 144

Explanation   One of the following occurred:

- The ISN specified with an update (A1) command was not in hold status for the user, and Command Option "H" was not specified.

- An ET or BT command specifying the "M" (multifetch) option specified an ISN in the ISN buffer that is not in hold status for the user. All currently held ISNs are released from hold status.

Action   If Adabas Transaction Manager is in use, verify that the setting for the Transaction Model parameter is appropriate for the program that was executing and is also appropriate for the runtime environment in use.

Response 145

Explanation   One of the following occurred:

- An N1/N2 command was issued, but no hold queue entry was available.

- A command was issued with the return option specified that attempted to hold an ISN already in the hold queue for another user. The command is not placed in "wait" status.

Use the subcode associated with this response code to further clarify why this response occurred.

Subcode	Description
0	N2 command for an existing ISN was issued.
1	Hold queue space problem detected. The user is the only active user and is running with the -R option.
2	The ISN was held by someone else. The read request is running with the -R option.
9	Two or more users became deadlocked while holding ISNs and attempting to put more ISNs in hold status.

Response 146

Explanation An invalid buffer length was detected by the Adabas interface routine. If the command uses a classic ACB, the buffer is larger than 32,767. If the command uses an ACBX, the buffer is greater than 2,147,483,647, or the send length in the ABD is greater than the buffer length. The subcode identifies the buffer type:

Subcode	Buffer Type
1	Format buffer
2	Record buffer
3	Search buffer
4	Value buffer
5	ISN buffer
6	User information buffer
7	Performance buffer
8	Multifetch buffer

Response 147

Explanation The ISN was invalid. The ISN transformation resulted in a negative ISN or an ISN greater than the maximum ISN permitted for the file.

Response 148

Explanation The Adabas nucleus was either not active, or not accessible. In an ACB, refer to the hexadecimal subcode that appears in the low-order (rightmost) two bytes of the Additions 2 field; in an ACBX, refer to the binary subcode that appears in the Error Subcode (ACBXERRC) field.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

The following are the decimal equivalents of the subcodes and their meanings:

Subcode	Description	Action
1	Exclusive database control requirement conflicts with read-only nucleus status.	Remove the READONLY=YES parameter setting for the nucleus and restart it.
2	A nonprivileged call was made to the nucleus while it was in utility-only (UTI) mode.	Remove the UTIONLY=YES parameter setting for the nucleus and restart it.
3	The nucleus is performing shutdown processing (an ADAEND operation) and will not accept new users or new transactions. Either a new user is attempting to begin operation or an existing user in ET status is trying to continue operation.	Wait for the nucleus to shut down, restart it, and reissue the command.
4	A utility with exclusive database control is running.	Either stop the utility or wait for its processing to complete (this is preferred) and try again.
5	A single-user nucleus could not start operation due to an error that could not be corrected.	Verify that single-user mode has been set up correctly and restart the nucleus.
8	A user is performing a logical ADALNK call. The IDT for the call has not been allocated.	On BS2000 systems, check the setting of the parameter accessed by the link name DDLNKPAR or DDCARD, or in the macro B2CONFIG of the module SSFB2C. Also check the IDTNAME parameter of the database to be accessed.
50	At command completion RSP148 was set but without a subcode. This subcode is set to indicate the command was processed by the target.	Contact your Software AG support representative for assistance.
51	The command router found no suitable target. The target was determined not to be an Adabas Cluster Services or Adabas Parallel Services database.	Contact your Software AG support representative for assistance.
52	The command router found no suitable target. The target was determined to be an Adabas Cluster Services or Adabas Parallel Services database.	Contact your Software AG support representative for assistance.
53	The command router found a suitable target but the target became inactive while queuing the command.	Contact your Software AG support representative for assistance.

Subcode	Description	Action
54	When the caller attempted to retrieve the results of a completed command the target was no longer active.	Contact your Software AG support representative for assistance.
55	The target became inactive while the caller was attempting to retrieve the results of a completed command.	Contact your Software AG support representative for assistance.
101/201	Set in SVCCLU when a specifically designated local nucleus is not available for a physical call. The 201 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
102/202	Set in SVCCLU when a specifically designated remote nucleus is not available for a physical call. The 202 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
103/203	Target ID disagreement between IDTE and PLXNUC. The 203 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
104/204	Unable to find PLXMAP matching an existing PLXUSER. The 204 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
105/205	Entire Net-Work unavailable, can't route existing user to remote nucleus. The 205 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
106/206	Entire Net-Work unavailable, can't route new user to remote nucleus. The 206 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
107/207	No nucleus available for remote user. The 207 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
108/208	Incorrect PLXMAP update received by LOCAL=YES nucleus. The 208 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.
109/209	An internal command used to synchronize across multiple nodes was received for an Adabas Parallel Services database. Such databases may execute on only one node. Depending on intersystem communications timing this may occur as a database is changed from Adabas Cluster Services to	Contact your Software AG support representative for assistance.

Subcode	Description	Action
	Adabas Parallel Services. Otherwise this is a logic error.	
110/210	Unable to assign specified nucleus to remote user. The physical command arrived via Entire Net-Work for a specific nucleus, but the specified nucleus is on another system. Only one Entire Net-Work transmission is allowed. The 210 subcode appears when this subcode is set on a remote node.	Contact your Software AG support representative for assistance.

Response 151

Explanation   A command queue overflow occurred.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Action   The DBA may increase the value for the NC parameter and/or the command may be issued when a lower level of command activity is in effect.

Response 152

Explanation   The internal user buffer was not large enough to contain the user buffer areas.

Action   The DBA should increase the value of the LU parameter.

Response 153

Explanation   A "CALL ADABAS" was issued by a user while a previous call for the user was still being processed.

Response 154

Explanation   A command was rejected because it resulted in a trigger being fired, but the queue is full at this time.

Action   Retry the command.

Response 155

Explanation	A command resulted in a pre-command trigger being fired. The triggered procedure returned a nonzero command, so the command was not executed.
Action	Check the Additions 4 field for the error returned from the procedure.

Response 156

Explanation	A command resulted in a post-command trigger being fired. The triggered procedure returned a nonzero command, indicating an unsuccessful execution of the procedure.
Action	Check the Additions 4 field for the error returned from the procedure.

Response 157

Explanation	A command resulted in either a pre- or post-command trigger being fired; however, Adabas Triggers has been shut down with the option to reject all commands that result in a trigger being fired.
Action	Determine the cause of the shut-down and resolve the problem. If rejection of commands is not the required action in such a situation, then set the error action field in the Adabas Triggers profile to halt or ignore.

Response 159

Explanation	The Adabas link module is missing or invalid. One of the following occurred:

- No Adabas link module is linked to the Natural nucleus and the Adabas link module specified in the Natural profile parameter ADANAME could not be loaded.
- (CICS only) The loaded Adabas link module is macro-level in a command-level only environment.

Action	Check the setting of the Natural profile parameter ADANAME and/or provide the correct version of the Adabas link module in one of the current STEPLIBs.

Response 160

Explanation	Too many Associator and Data Storage blocks were marked as active in the buffer pool for a single command.

Response 161

Explanation	The RABN chain in the header list of the Adabas buffer pool is invalid.

Response 162

Explanation   No additional space is available for Adabas buffer pool header blocks.

Response 163

Explanation   The RABN to be linked into the RABN header chain is already in the chain.

Response 164

Explanation   Too many work areas were allocated for the command.

Response 165

Explanation   A descriptor name was either invalid or did not exist in the descriptor value table (DVT). For expanded files: the descriptor does not exist on all component files. In an ACB, the leftmost two bytes of Additions 2 may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name. If this occurred for an expanded file, check to see if there is an FDT mismatch between the components of the file.

Response 166

Explanation   An error was detected in an inverted list index. The cause may be damage in the Associator.

Response 167

Explanation   The field in a coupled file does not exist or the coupled list is invalid.

Response 168

Explanation   An internal command ID required during coupling processing was not found.

Response 170

Explanation   The Adabas RABN required for the command could not be located for one of the following reasons:

■ The buffer segment was called with a RABN of zero.

■ The specified RABN does not belong to this database and is invalid.

Response 171

Explanation	The constant set used by Adabas could not be located.

Response 172

Explanation	An ISN was less than the MINISN or greater than the MAXISN setting in effect for the file.

Response 173

Explanation	An invalid Data Storage RABN was detected.

Response 174

Explanation	For an L2/L5 command with start ISN, the Data Storage RABN stored in the address converter for the file is invalid.

Response 175

Explanation	An inconsistency was detected between the index and Data Storage.
	This response code can be expected when reading a descriptor value for a ciphered file if an incorrect cipher code was used.
Action	Run the check utilities (especially ADAICK and ADAVAL) against the file, and contact your Software AG technical support representative.

Response 176

Explanation	Either an inconsistence in an inverted list was detected or an internal error occurred during inverted list processing. The following possible subcodes are associated with this response code:

Subcode	Description
2	Bad index
3	Invalid search request
4	Invalid format indicator or field not found in FDT/SDT
11	Invalid search request
12	Bad index block
13	Bad UI block
14	Mismatch block length
15	Bad MI block
16	Mismatching block length
17	Bad NI block

Subcode	Description
18	Bad ISN count
21	Bad index block
22	Mismatching block length
23	Invalid ISN count
29	Inactive index block
31	Bad index block
32	Mismatching block length
33	Invalid ISN count
39	Inactive index block
41	Bad index block
42	Mismatching block length
43	Bad MI block
44	Bad NI block
81	Invalid level indicator
82	Bad element position in block
83	Position in block did not match element lengths
84	Bad MI block
85	Bad NI block
86	Bad NI block
87	Invalid ISN count
88	Position in block did not match element lengths
89	Index block not active
91	Wrong level
92	Mismatching block length

Action   Run ADAICK to determine whether an inconsistency exists in an inverted list. If not, contact your local Software AG technical support representative. Make sure to report the subcode to your Software AG technical support representative.

Response 177

Explanation   A record could not be found in the Data Storage block in which it should have been contained as indicated by the address converter. If this response code is returned to the ADAULD UNLOAD utility function with the parameter SORTSEQ, the file might be inconsistent and data lost.

Action   Check the file with the "check" utilities, especially ADAACK, and contact your Software AG technical support representative.

Response 178

| Explanation | An internal error occurred when updating a multiple-value field: |

1	Inconsistency in descriptor value table (DVT).
2	An inconsistency was detected between the field definition table (FDT) and the internal format buffer.
3	Inconsistency when updating a phonetic descriptor.

Response 179

| Explanation | Internal error; identifier could not be found in Work part 3. |

Response 181

| Explanation | Autobackout was executed and the start of a transaction could not be located. |

Response 182

| Explanation | Necessary ET data was not found in the appropriate Work block. |

Response 183

| Explanation | An internally assigned number for a database I/O operation was detected as invalid. |

Response 184

| Explanation | A phonetic field name could not be found. |

Response 185

| Explanation | The ADAM field could not be found in the compressed record. |

Response 197

| Explanation | The DEUQ pool is too small. |
| User Action: | Increase the ADARUN LDEUQP parameter. |

Response 198

Explanation	An attempt was made to duplicate a descriptor value for a unique descriptor. In an ACB, the leftmost two bytes of the Additions 2 field may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name.

Response 199

Explanation	An inconsistency in the inverted list index was found during an update operation. In an ACB, the leftmost two bytes of Additions 2 may contain the descriptor name; in an ACBX, the Error Character Field (ACBXERRB) may contain the descriptor name. This response code can also occur if UTYPE=EXU was specified for an ADARES BACKOUT operation that uses the sequential (SIBA) log.

Response 200

Explanation	Either an invalid cipher code or an Adabas SAF Security or Adabas security violation was detected.

From Adabas SAF Security processing, the command could not satisfy the necessary security checks and may be accompanied by a subcode as follows:

0	A standard user check failed.
1	There is no free user file cache entry for a workstation user.
2	A cross-level security check failed.
3	No security information is available for the command.
4	A timeout occurred during a workstation logon.

For more information about Adabas SAF Security, read the Adabas SAF Security documentation.

Response 201

Explanation	The password specified was not found.

Response 202

Explanation	An attempt was made to use a file for which the user is not authorized, or the file password is being changed.
User Action:	Either correct the authorization, or retry the operation with the new password.

Response 203

Explanation	An attempt was made to delete a record in a file for which the user is not authorized.

Response 204

Explanation	A password pool overflow occurred.

Response 207

Explanation	Adabas SAF Security completed phase 1 of logon and requested phase 2. This is an internal Adabas SAF Security and ADALNK two-phase response code for a remote workstation logon. This code is normally not displayed or presented.
	For more information, read your Adabas SAF Security documentation.
User Action:	Send a phase 2 logon request to Adabas SAF Security.

Response 208

Explanation	As an Adabas SAF Security remote user, you should execute a phase 1 logon. The logon ID and your password are sent to Adabas SAF Security. This response indicates that two-phase logon can continue.
	For more information, read your Adabas SAF Security documentation.
Action	If the user application receives this response, it is on a workstation platform that does not have the proper Adabas link routine installed. This response code is intercepted by the workstation Adabas link routine and phase 1 logon is performed.

Response 209

Explanation	Adabas SAF Security detected an expired password on the server.
Action	Create a valid password on the server for ACF2, RACF, or Top Secret. Entire Net-Work users may use the Adabas SAF Security feature.

Response 210

Explanation	Logical ID greater than 255 (internal error).

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Response 211

Explanation	Invalid ID table index in UB (internal error).

> **Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Response 212

Explanation	Invalid input/output buffer for internal command.

Response 213

Explanation	ID table not found (SVC not properly installed).

> **Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

The following table describes the possible subcodes that might occur if an Adabas DBID/SVC routing table error occurs:

Subcode	Description
16	The specified SVC number does not correspond to a currently installed SVC on the z/OS or VSE system. Check to be sure that the specified SVC number is correct and, if it is, ensure that an Adabas SVC is installed using that SVC number.
20	The specified SVC number corresponds to an installed SVC on the z/OS or VSE system, but the SVC is not an Adabas SVC. Ensure that the provided SVC number is correct and, if it is, determine why the SVC installed for that number is not an Adabas SVC for z/OS or VSE.

User Action:	Inform the DBA. The Adabas installation procedure was not properly executed.

Response 214

Explanation	Internal command issued from Adabas version 4 Adalink.

Response 216

Explanation	Command rejected by user exit.

> **Note:** If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Response 217

Explanation	Command rejected by user exit.
	Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Response 218

Explanation	The following table describes the subcodes that appear with this response code, clarifying why the response was received.

Subcode	Description
X'00' (00)	The UB (TP monitor user block) pool is too small. There must be at least one user block for each concurrent user. This is controlled by the TP monitor link routines. The GETMAIN for the UB failed.
X'48' (72)	An IPC message call parameter error occurred. This may indicate an internal product error or a TP-monitor storage overlay. Contact Software AG technical support for assistance.
X'49' (73)	The IPC message caller did not provide a pointer to the extended user ID block. This is probably an internal product error. Contact Software AG technical support.
X'4C' (76)	The extended user ID data provided to the IPC Message Call is either binary zeroes or blank. This is probably and internal product error. Contact Software AG technical support.
X'4D' (77)	A getmain failed for the work area used in an IPC Message Call. Determine why the TP monitor is running short of storage. The storage will be acquired in the AMODE of the calling program, usually 31-bit for Natural transactions.

User Action:	Increase the UB pool by respecifying the NUBS parameter in the link routines. See the ADAGSET macro information in the Adabas Installation documentation.

Response 219

Explanation	This response code should only occur when Adabas Transaction Manager is being used.

2	The global transaction is not in the status that allows the call.
3	Two transaction ID (XID) entries exist.
4	The "R" and "J" options are not supported; or this is not a global transaction. The transaction ID (XID) does not exist or cannot be found (or example, when the given XID does not belong to the UQE).
5	The record or value buffer definition may be invalid; for example, the length size may be invalid (less than or equal to 144 bytes); or the value buffer content may be invalid; for example, it may not contain a valid transaction ID (XID).
6	The user is not an update or ET user or is already involved in a global transaction or the user is already on PET (preliminary end-of-transaction) status.
7	A protocol error occurred: The user has been copied to Work 4 or the transaction was backed out.
8	A protocol error occurred: The transaction was terminated or the user has no transaction ID (XID) or the recover call for an active user is not permitted.
9	The system is currently locked due to a pending Work area 4 or DDWORKR4 overflow.
10	The call is not permitted; either ADAEND or an ET-sync point is in process for the nucleus. Force the ATM nucleus to backout (BT) the transaction.
11	The user has not made any updates. A preliminary ET command, therefore, is not permitted.
12	A logic error occurred.
20	The transaction ID (XID) is unknown. This error occurs only in a cluster environment.

Response 220

Explanation   The request was rejected by Entire Net-Work due to a shortage of short term buffers.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Action   For BS2000 systems running Sockets 2.2 or later, check the address space limit using the SHOW-USER-ATTRIBUTES command in the field ADDRESS-SPACE-LIMIT (the value is in megabytes). If necessary, increase it using the MODIFY-USER-ATTRIBUTES command from a privileged user ID.

For BS2000 systems running Sockets 2.1 or earlier, increase the CMSIZE parameter to enlarge the common memory pool, as long as there is enough room in the address space. Then restart Entire Net-Work.

For z/OS and z/VSE, increase the region size. For z/VM, increase the amount of virtual storage available to the Entire Net-Work machine.

Response 221

Explanation	The LU size of the remote partner is smaller than the size required for the Adabas request.
Action	Either increase the size specified for the LU= parameter on the remote system, or modify the application to reduce its buffer sizes.

Response 222 - 223 (reserved)

Response 224

Explanation	The request waited for a reply for a longer time period than specified by the REPLYTIM parameter in either the NODE statement or the SET operator command. The reply may be delayed or lost due to a target malfunction, or because of a connecting link failure. If you are using Natural, and all connections are verified, check the ADAMODE setting. The ADAMODE=0 setting is the only option Entire Net-Work supports.

Response 225

Explanation	A command was issued from a server, such as an Adabas nucleus, to another server, such as Entire Net-Work. The command did not complete within a prescribed time period. The issuer proceeds and no longer expects a response to the command.

Note that the command may still execute in the target. There will be no notification to the issuer if it does. The target may display message ADAM92, User Gone, if the target attempts to notify the issuer of command completion.

The subcode identifies the environment from which the command was issued.

Subcode	Issuer
1	ADAMPM
2	Adabas nucleus, thread-synchronous command
3	Adabas nucleus, not thread-synchronous. Under z/OS, the command was TCB-synchronous.

Action	Contact your Software AG technical support representative for assistance if the reason for the command's failure to complete cannot be identified.

Response 226 - 227 (reserved)

Response 228

Explanation	This response is issued by an Adabas link routine. It indicates that an ASCII-formatted user request has been issued against an EBCDIC-formatted database that is not properly configured to handle the translation:

1	The SVC is not a valid Adabas version 7 SVC.
2	The database is not UES-enabled.

User Action:	Ensure that your Adabas installation is for a supported version and that the database is UES-enabled. Refer to the UES information.

Response 229

Explanation	The Entire Net-Work 5 convertor detected an inconsistency or error in the application format buffer or search buffer and is unable to correctly translate the user's data.

Response 231-239

Explanation	These response codes are assigned in some Adabas user exits, and have meanings as defined by the user. One example is the response code in the ADALOG log data field issued by user exit 4.
User Action:	Refer to the description of user exits in the Adabas User, Hyperdescriptor, and Collation Descriptor Exits Manual documentation for more information.

Response 240-244

Explanation	These response codes are returned by Adabas Transaction Manager. Consult the Adabas Transaction Manager documentation for more information.

Response 245

Explanation	This response code is issued for communication problems between add-on products that use the system coordinator (COR) interface to Adabas; that is, Adabas Fastpath, Adabas Vista, Adabas SAF Security, and Adabas Transaction Manager.

Subcode	Description
1	Internal error.
2	A required module could not be loaded. This is probably an installation error.

Action	For subcode 1, contact your Software AG technical support representative. For subcode 2, consult the installation instructions for the add-on product.

Response 248

Explanation	These response codes are returned by Adabas Data Archiving processing. Review the Adabas Data Archiving documentation for more information.

Response 249

Explanation	This response code is given only when Adabas Vista is in use. Review the Adabas Vista documentation for more information.

Response 250

Explanation	The ACBX (ACBX) failed validation. The following subcodes are possible:

Subcode	Description
1	Unsupported ACBX version
2	ADACBX provided without UBE.
3	ACBX file number > 65,535.
4	Reserved field not zero.
5	ACBX length incorrect

Action	If subcode 3 occurs, notify your Software AG technical support representative. If any of the other subcodes occur, correct the ACBX specification and rerun.

Response 251

Explanation	An error occurred in Adabas cluster processing.

Under certain conditions, the Adabas cluster SVC (SVCCLU) component of the ADASVC returns response code 251 in the ACB's response code field, along with a hexadecimal subcode (listed below in decimal) in the low-order (rightmost) two bytes of the Additions 2 field. In the case of an ACBX, the ADASVC returns response code 251 in the ACBX's Response Code (ACBXRSP) field and the subcode in the Error Subcode (ACBXERRC) field.

■ If the local SVCCLU detects the condition, the subcode will range from 2 through 30.

■ If a remote SVCCLU detects the condition, it will range from 102 through 130.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Subcode	Description
2	The remote cluster nucleus to which the user is assigned cannot be accessed.
4	There are no user table entries (UTEs) available for use.
5	Internal error. The nucleus specified by an internal command was not found.
7	Internal error. The user was assigned to a remote nucleus by the local system but the remote system found that the nucleus was not active.
9	Internal error. The 28-byte user ID is all zeros.
17	Entire Net-Work is not active.
19	Internal error. Invalid internal command code.
20	Remote nuclei are active; command must be assigned remotely but the remote nuclei are not accepting commands.
21	The remote image to which the user is assigned has no usable nuclei.
22	An attempt was made to assign a user remotely but Entire Net-Work is not active.
25	No system image target
26	System image target changed
27	Internal error.
28	Version mismatch between the PLXCB and the SVCCLU part of the ADASVC.
29	Probably, you used a NUCID value from a restricted range. Otherwise, this is an internal error. *Action:* Ensure that the NUCID assignments are valid.
30	More than 32 NUCIDs were detected for the same SVC/DBID combination. *Action:* Reduce the number of NUCIDs on the SVC/DBID to 32.

Action   For internal errors, contact your Software AG technical support representative. For all other errors except as noted, contact your systems administrator.

Response 252

Explanation   An error occurred during Adabas SVC processing (post error).

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Response 253

Explanation	An error occurred processing a buffer.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

The following subcodes are possible:

Subcode	Description
0	Buffer length 0 (ACB user only)
1	Format buffer address zero
2	Record buffer address zero
3	Search buffer address zero
4	Value buffer address zero
5	ISN buffer address zero
6	User information buffer address zero
7	Performance buffer address zero
8	Multifetch buffer address zero
9	Unsupported ABD buffer type
10	Attached buffer overrun
11	Unsupported ABD version
12	ACBX not accepted by target
13	Unable to convert ACBX to ACB
14	ALET value not permitted
15	Unable to process 64-bit buffer address
16	Invalid buffer location indicator
17	Logic error locating ABD
18	More than 32,767 ABDs
19	Reserved field not zero
20	ADABDX length incorrect

Action	Subcodes 10 and 17 are internal logic errors; notify your Software AG support representative. For all other subcodes, correct the buffer specification error and rerun.

Response 254

Explanation   A validation error occurred during command completion processing while attempting to return results to the caller.

One of the following has occurred:

■ An internal error occurred during processing of an attached buffer (buffer overflow)

■ The CT parameter limit was exceeded. Message ADAM93 (or a similar message) is printed or displayed on the console.

  If the CT parameter limit was exceeded, the nucleus terminated the user, generated the equivalent of a BT command internally, released the CQE and attached buffer space, and issued ADAM93 (or a similar message).

  If the user was not terminated, the subcode in the right-most two bytes of the ACB's Additions 2 field or the subcode in the ACBX's Error Subcode (ACBXERRC) field describes the failed validity check.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

Subcode	Description
1	UBCQEX is less than or equal to zero
2	UBCQEX is greater than CQHNCQES
3	CQEFLAG is not equal to CQEFAB plus CQEFW16
4	CQEAUB is not equal to A'UB
5	CQEAUPL is not equal to A'APL
6	The low-order 6 bytes of CQECKSUM does not equal UBCKSUM
7	CQE was timed out
8	An inconsistency in the CQE such as the following: The CQE was unexpectedly taken by another call The user buffer (UB) is not receiving expected user information The target move data length is inconsistent
9	Record buffer overflow
10	ISN buffer overflow
11	Inconsistent format buffer length
12	Inconsistent search buffer length
13	Inconsistent value buffer length
14	Inconsistent user buffer length
15	Invalid attached buffer ABD index (internal logic error)
16	Buffer overflow; see ACBXERRD and ACBXERRE

Action   Ensure that the caller's control structures and parameters are not altered while the command is being processed. If you are unable to resolve the error, notify your Software AG support representative.

Response 255

Explanation   All attached buffers were allocated at the time the command was processed. Buffer allocation (NAB) "high water marks" may not reflect this condition when no buffer allocation occurs.

Note: If you are running with Entire Net-Work, the leftmost two bytes of the Additions 2 field (in the ACB) or the ACBXERRC field (in the ACBX) may contain the ID of the Entire Net-Work node that issued this response code.

V   Utility Messages and Codes

The Adabas utilities issue return/condition codes, and may also display error messages. This chapter lists, alphabetically by utility, the utility error messages and describes the utility nonzero return codes.

Utility Error Messages

Utility messages are displayed following a title line showing the utility name. The message line itself is displayed, followed by the same "explanation" and/or "action" information shown in this chapter.

Variable information such as jobname, data set name, return code, abend code, or nucleus response code may occur in the message line or in the text following the actual message. These variables are represented in lowercase as either "xxx...xxx" or as "reason", "nucleus-response", "job-name", "ret-code", and so on. In the actual message these notations are replaced with the actual values. Generally, variables within parentheses ( ) are hexadecimal and those without parentheses are decimal.

When a message includes a nucleus response or abend code, the specific code description identifies the cause. See the description of **nucleus response codes** and **abend codes**.

Utility Return Codes

When an Adabas utility returns control to the operating system and no abend has occurred, the utility writes a return codes in the rightmost positions of general register 15:

Code	The utility operation ...
0	was successful.
4	was successful but encountered a warning condition.
8	encountered an error condition but then continued.
16	was successful in its main function but then encountered an error condition.
20	could not be completed. The operation encountered an error condition but did not terminate abnormally because NOUSERABEND was specified.

> **Note:** Utilities that terminate with return code 4 write "...terminated with warning" as the last message. This indicates that, although the utility function completed successfully, circumstances may have rendered the result of the function different from that which was expected. The job protocol contains one or more related warning or error messages.

Return codes are supported by operating system as described in the following table:

Op Sys	Return Code Support
z/OS	See the job control language reference manuals for job step condition code information.
z/VM	The command language keeps track of the return code.
VSE	Return codes are supported.
BS2000	Return codes are supported using job variables. For more information, see the Adabas Installation documentation, section *How to Manage Job Variables in the Adabas Environment*.

Depending on the operating system and the utility, the return code can be tested to determine the utility job status:

- A zero return code always indicates successful completion of the utility.

- The meanings of return codes 4 or 8 depend on the utility in operation at the time.

These unsuccessful return code (RC) meanings are described here in alphabetical order by Adabas utility.

ADAACK Return Codes

Return Code 4 or 8

Explanation   Database inconsistency.

ADACMP Return Codes

Return Code 4

Explanation   One of the following occurred:

  ■ At least one rejected record occurred during processing.

  ■ The utility has processed only the base file of a LOB group (a base file and its
    associated LOB file) without the associated LOB file.

Return Code 8

Explanation   The utility detected inconsistencies between the files in a LOB group (a base file and
                    its associated LOB file).

ADADBS Return Codes

Return Code 4

Explanation   One of the following occurred:

  ■ CHANGE, NEWFIELD, or RELEASE: The operation was performed on a component
    file of an expanded file. The other component files must be processed explicitly.

  ■ MODFCB DATAPFAC: The Data Storage padding factor (DATAPFAC) setting is
    ignored for files containing spanned records. The following warning will also appear
    if DATAPFAC is specified for a file that has data storage spanning enabled:

```
 *****DATAPFAC is ignored for files with spanned data storage ↵
enabled******
```

  ■ MODFCB MAXRECL: The MAXRECL must be the same for all component files.
  ■ OPERCOM ADAEND/CANCEL: The Adabas nucleus was not active.
  ■ OPERCOM CLUFREEUSER: One or more otherwise eligible UTEs were not deleted
    because they were due a response code 9, subcode 20, and FORCE was not specified.
  ■ OPERCOM DUQE: The user queue element (UQE) for the specified user ID was
    not found.
  ■ RESETDIB: The IDENT job name was not found.

Return Code 8

Explanation	One of the following occurred:

- DELETE: The file to be deleted was not found.

- OPERCOM STOPU: The function received an Adabas response code.

- RELEASE: An invalid descriptor name was specified, or the function received an Adabas response code.

ADADEF Return Codes

Return Code 4

Explanation	NEWWORK: Attempt to write RLOG information or close RLOG data set failed.

ADADCK Return Codes

Return Code 4 or 8

Explanation	Database inconsistency.

ADAICK Return Codes

Return Code 4

Explanation	One of the following occurred:

- GETMAIN failed.

- ICHECK detected WARNING-163 (unreachable index blocks).

Return Code 8

Explanation	Database inconsistency.

ADAINV Return Codes

Return Code 4

Explanation   One of the following occurred:

- The utility's DIB entry was removed by another user during ADAINV operation.
- (all functions) Attempt to write RLOG information or close RLOG database failed.
- ADAINV was restarted, but at least one of the descriptors to be inverted was already in the index. The index is correct.
- ADAINV INVERT was run on a component file of an expanded file. The other component files must be explicitly inverted.

ADALOD Return Codes

Return Code 4

Explanation   One of the following occurred:

- More DDEBAND records were available than specified by the NUMREC parameter.
- More DDEBAND records were available than ISNs for those records.
- The utility's DIB entry was removed by another user during ADALOD operation.
- The file to be loaded could not be added to the expanded file chain.
- (all functions) Attempt to write RLOG information or close RLOG data set failed.
- In an UPDATE function, the allocation of a file-specific DLOG extension failed. ADALOD completed the UPDATE function, but marked the whole file as changed; it did not log the Data Storage and address converter RABNs of blocks that were actually changed.
- The utility has processed files in a LOB group (a base file and its corresponding LOB file) that were incorrectly linked to each other or marked as being out-of-sync.
- The utility has been unable to establish or validate the base-to-LOB file linkage in a LOB group because one of the files was locked or otherwise unavailable.
- The utility has been unabled to validate the base-to-LOB file consistency in a LOB group because some input records were not loaded due to the use of the SKIPREC/NUMREC parameters.
- The utility has processed a file in a LOB group (a base file and its corresponding LOB file) where Adabas has been unable to track whether the two files in the group have stayed in sync.

Return Code 8

Explanation   One of the following occurred:

- The input records loaded in a file in a LOB group (a base file and its associated LOB file) were unloaded from a file that had been marked as being out-of-sync with the other file.

- The file in a LOB group (a base file and its associated LOB file) that was loaded or updated had a different status with respect to LOB updates than the other file in the LOB group.

- Inconsistencies were detected in a LOB file from which LOB values were to be deleted.

ADAORD Return Codes

Return Code 4

Explanation   One of the following occurred:

- The utility's DIB entry has been removed by another user during ADAORD operation.

- (all functions) Attempt to write RLOG information or close RLOG data set failed.

- RESTRUCTURE functions: Initialization of RLOG processing failed.

- RESTRUCTUREDB: Attempt to initialize RLOG access failed.

- RESTRUCTUREF: Attempt to initialize RLOG access failed.

- A system file was excluded from ADAORD STORE operation.

- MAXRECL was specified for a component of an expanded file. Ensure that the same MAXRECL is specified for all components.

- Allocation of the DLOG extension failed.

- Nonzero return code received from ADARAC.

- The utility has processed files in a LOB group (a base file and its corresponding LOB file) that were incorrectly linked to each other or marked as being out-of-sync.

ADARAI Return Codes

Return Code 4

Explanation   ADARAI RECOVER cannot create the job control statements needed for the sequential file used during utility execution. The message "unknown file element" is returned and the RECOVER function completes with return code 4. The generated job control must then be edited. See message ADAR78.

ADAREP Return Codes

Return Code 4

Explanation   One of the following occurred:

■ An overlap of file extents or of file extents and free space extents was detected.

■ A gap between file extents or between file extents and free space extents was detected.

■ A checkpoint contains an unknown checkpoint type or format.

■ The field definition table (FDT) does not exist for the existing file control block (FCB).

■ The FCB contains an invalid file number.

■ A bad ISN/RABN length indicator was detected in the FCB.

■ At least one parent field in the FDT has no corresponding special descriptor table (SDT) field.

■ An invalid FDT/SDT length was detected.

■ The count of coupled files is greater than 18.

■ There are inconsistencies in the expanded file chain.

■ The volume serial number could not be identified.

■ For a report from an online save tape, either no protection log was specified, an invalid protection log was specified, or an error was encountered while processing the protection log.

■ CPLIST or CPEXLIST was specified in conjunction with SAVETAPE.

■ FROMDATE, TODATE, FROMSESSION, or TOSESSION was specified without CPLIST or CPEXLIST.

■ NOCOUNT was not specified in conjunction with SAVETAPE.

■ An error occurred converting the mirror table to version 7 format.

■ All components of an expanded file did not have the same MAXRECL.

■ The utility has processed files in a LOB group (a base file and its corresponding LOB file) that were incorrectly linked to each other or marked as being out-of-sync.

ADARES Return Codes

Return Code 4

Explanation   One of the following occurred:

- (all functions) Attempt to write RLOG information or close RLOG data set failed.

- COPY: A block count mismatch occurred.

- PLCOPY: Attempt to initialize RLOG access failed.

- PLCOPY: Attempt to open Adabas nucleus failed with a response code other than zero or 148.

- PLCOPY: No protection log data sets are currently at completion. No data will be copied or merged at this time.

- PLCOPY: Warning! The supplied input intermediate datasest is empty. This should only happen on the initial run of ADARES. Processing continues.

- COPY/CLCOPY/PLCOPY: No records to be copied.

- COPY/PLCOPY/CLCOPY: The Associator data sets could not be opened; therefore, no checkpoints have been written.

- The point indicated by TOPLOG/TOBLK/TOCP could not be found.

- BACKOUT and REGENERATE: No records to be processed were found.

- REGENERATE found batch utility runs which must first be executed before REGENERATE can complete.

- The parallel participant table (PPT) indicates that there are currently no PLOGs to be copied for this cluster database.

- The parallel participant table (PPT) indicates that there are currently no CLOGs to be copied for this cluster database.

- The utility has processed a file in a LOB group (a base file and its corresponding LOB file) where Adabas has been unable to track whether the two files in the group have stayed in sync.

Return Code 8

Explanation   One of the following occurred:

- (Adabas Delta Save Facility) An error occurred in a PLCOPY or COPY function when processing the delta save images (DSIM) data set. Building the DSIM data set was discontinued. The PLCOPY or COPY function continued normally. RC 8 is also given in all cases where the DSIM data set is necessary but is not available or is not usable.

- REGENERATE or BACKOUT function determined that one or more files in the file list were in an inconsistent state; that is, in load, reorder, refresh, or restore status. Processing continues for all other files in the file list.

Return Code 16

Explanation	An error occurred after the PLCOPY/CLCOPY function successfully closed the DD/SIAUS1 or DD/SIAUS2 data set. The error message is printed in DD/DRUCK.

ADASAV Return Codes

Return Code 4

Explanation	One of the following occurred:

- (all functions) Attempt to write RLOG information or close RLOG data set failed.

- (Adabas Delta Save Facility) The nucleus returned a response code after ET synchronization at the end of an online save operation, but the online save operation was nevertheless completed successfully. The response code was ignored by ADASAV.

- The utility's DIB entry was removed by another user during ADASAV operation.

- MERGE: Attempt to initialize RLOG access failed.

- RESTORE (database) or RESTORE GCB: Attempt to initialize RLOG access failed.

- RESTORE could not be performed for a file that was already present because OVERWRITE was not specified.

- RESTONL (database) or RESTONL GCB: Attempt to initialize RLOG access failed.

- SAVE could not be performed on a file that was inaccessible. The file is in load, refresh, reorder, or restore status.

- SAVE FILE: Attempt to initialize RLOG access failed.

- The utility has processed files in a LOB group (a base file and its corresponding LOB file) that were incorrectly linked to each other or marked as being out-of-sync.

Return Code 16

Explanation	(Adabas Delta Save Facility) An error occurred after a full or delta save operation completed successfully.

ADASEL Return Codes

Return Code 4

Explanation	No records were found matching the selection criterion.

ADAULD Return Codes

Return Code 4

Explanation   One of the following has occurred:

■ No records were found using ADAULD selection criteria/values.

■ UNLOAD: Attempt to initialize RLOG access failed.

Return Code 8

Explanation   The nucleus returned a non-zero response code. Depending on the ERRLIM parameter of ADAULD UNLOAD, the function may continue. Unloaded data can be used, but records may be missing depending on the particular response code returned.

ADAVAL Return Codes

Return Code 4

Explanation   Not all files were validated.

Return Code 8

Explanation   Database inconsistency.

ADAWRK Return Codes

Return Code 4

Explanation   No autorestart information available on Work Part 1

Return Code 8

Explanation   Autorestart will not complete successfully .

Return Code 20

Explanation   This return code is returned instead of an abend when the NOUSERABEND parameter is specified.

36 Errors Common to All Utilities

ERROR-001   **Error occurred during opening input file DDKARTE : {reason}**

Explanation   The cause is probably a misspelled keyword.

Action   Check the JCL; correct the error and rerun the job.

ERROR-002   **I/O error occurred during read on file DDKARTE : {reason}**

Explanation   The cause is probably a misspelled keyword.

Action   Check the JCL; correct the error and rerun the job.

ERROR-003   **Parameter error, invalid utility name**

Explanation   The cause is probably a misspelled keyword.

Action   Check the parameter input; correct the error and rerun the job.

ERROR-004   **Parameter error, missing separator**

Action   Correct the parameter error or supply the missing separator. Rerun the job.

ERROR-005   **Parameter error, invalid syntax**

Action   Supply the correct parameter value and rerun the job.

ERROR-006   **Parameter error, keyword not unique**

Action   Check the parameter input; supply the correct keyword in full length and rerun the job.

ERROR-007	**Parameter error, unknown parameter**
Explanation	The cause is probably a misspelled keyword.
Action	Check the parameter input; correct the error and rerun the job.

ERROR-008	**Parameter error, unknown function**
Explanation	The cause is probably a misspelled keyword.
Action	Check the parameter input; correct the error and rerun the job.

ERROR-009	**Parameter error, too many values in a list**
Action	Check the parameter input. Supply no more than the maximum number of parameter values permitted, and rerun the job.

ERROR-010	**Invalid or missing level number**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-011	**Invalid or missing field length**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-012	**Missing `=' (equal sign)**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-013	**Invalid or missing field option**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-014	**Missing `(' (left parenthesis)**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-015   **Missing `)' (right parenthesis)**

Action   See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-016   **Invalid or missing start position**

Action   See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-017   **Invalid or missing end position**

Action   See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-018   **More than one parent for sub-field/descriptor**

Action   See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-019   **More than 20 parents for super-field/descriptor**

Action   See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-020   **Only one parent for super-field/descriptor**

Action   See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-021   **Syntax error, invalid character found**

Action   See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-022   **Invalid or missing hyperexit number or collating exit number**

Action   See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-023	**No or more than 20 parents for a hyperdescriptor**
Action	See the ADACMP discussion in the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-024	**Invalid field name**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-025	**Reserved field name used**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-026	**Invalid field format specification**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-027	**Invalid or conflicting field options used**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-028	**Invalid MU/PE repeat factor**
Action	See the Adabas Utilities documentation for more information about field definition syntax. Correct the error and rerun the job.

ERROR-029	**Multiple function keywords detected**
Explanation	This utility performs only one function per execution.
Action	Check the parameter input; correct the error and rerun the job.

ERROR-030	**Error occurred during execution of open ASSO : {reason}**
Explanation	The cause is probably incorrect JCL (DDASSOR1, ..., DDASSOR5) or an inconsistent database.
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-031	**Error occurred during execution of read ASSO : {reason} RABN : {nnnn} ({xxxxxxxx})**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-032	**Error occurred during execution of write ASSO : {reason} RABN : {nnnn} ({xxxxxxxx})**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-033	**Error occurred during execution of close ASSO : {reason}**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-034	**Error occurred during execution of open DATA : {reason}**
Explanation	The cause is probably incorrect JCL (DDDATAR1, ..., DDDATAR5) or an inconsistent database.
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-035	**Error occurred during execution of read DATA : {reason} RABN : {nnnn} ({xxxxxxxx})**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-036	**Error occurred during execution of write DATA : {reason} RABN : {nnnn} ({xxxxxxxx})**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-037	**Error occurred during execution of close DATA : {reason}**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-038	**Error occurred during execution of open WORK : {reason}**
Explanation	The cause is probably incorrect JCL (DDWORKR1) or an inconsistent database.
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-039	**Error occurred during execution of read WORK : {reason} RABN : {nnnn} ({xxxxxxxx})**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-040   **Error occurred during execution of write WORK : {reason} RABN : {nnnn} ({xxxxxxxx})**

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-041   **Error occurred during execution of close WORK : {reason}**

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-042   **Error occurred during execution of open TEMP : {reason}**

Explanation   The cause is probably incorrect job control (DD/TEMPR1).

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-043   **Error occurred during execution of read TEMP : {reason} RABN : {nnnn} ({xxxxxxxx})**

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-044   **Error occurred during execution of write TEMP : {reason} RABN : {nnnn} ({xxxxxxxx})**

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-045   **Error occurred during execution of close TEMP : {reason}**

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-046   **Error occurred during execution of open SORT : {reason}**

Explanation   The cause is probably incorrect job control (DD/SORTR1 or DD/SORTR2).

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-047   **Error occurred during execution of read SORT : {reason} RABN : {nnnn} ({xxxxxxxx})**

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-048   **Error occurred during execution of write SORT : {reason} RABN : {nnnn} ({xxxxxxxx})**

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-049   **Error occurred during execution of close SORT : {reason}**

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-051	**Error occurred during execution of open {dataset/file} : {reason}**
Explanation	The cause is probably incorrect JCL.
Action	The correct JCL must be supplied to the PLCOPY or CLCOPY function. If the PLOGs to be copied are from a cluster database, the NOPPT parameter should be specified.
	If no JCL is supplied or the open fails, the following will be displayed: "The Associator data set(s) could not be opened *nn-return code explanation*". Processing continues.

ERROR-052	**Error occurred during execution of read {dataset}/{file} : {reason} RABN : {nnnn} ({xxxxxxxx})**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-053	**Error occurred during execution of write {dataset/file} : {reason} RABN : {nnnn (xxxxxxxx)}**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-054	**Error occurred during execution of close {dataset/file : reason}**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-055	**Encoding key value exceeds maximum of 4095**
Explanation	Valid encoding keys are in the range 1-4095.
Action	See the Adabas Utilities documentation for a list of valid encoding keys.

ERROR-058	**Recover log not available**
Explanation	The Adabas Recovery Aid is active, but an error occurred when the utility attempted to initialize RLOG data set processing.
Action	ADARAC returns reason code rr: reason text . See also the accompanying ADARxx message.

ERROR-059	**Error during recovery logging**
Explanation	The utility was not able to record its operation in the recovery log. The utility continues and will terminate with return code 4.
Action	ADARAC returns reason code rr: reason text . See also the accompanying ADARxx message.

ERROR-060	**{blocks}-Extent space allocation failed for file {file-number(s)}**
Explanation	An attempt to allocate an AC extent of size *blocks* for the file or files specified failed. Probable causes of the failure include

- not enough free space available.

- conflicting XXRABN parameter.

- enough free space available, but not on devices that can satisfy the MAXRECL value for this file.

- only one AC extent permitted.

- If ISNSIZE=3, more than 16,777,215 (X'FF FF FF) ISNs; if ISNSIZE=4, more than 4,294,967,294 (X'FF FF FF FE) ISNs.

- more than 5 extents.

Action	Correct the error and rerun the job.

ERROR-062	**For file {filename} the sum of** **numbers of DATA extents, AC extents, UI extents,** **and NI extents is too big** **or DATA extent or AC extent is zero.** **Check ASSO RABN {rabn}**
Explanation	A database problem exists. The sum of Data Storage, address converter (AC), and inverted list (UI and NI) extents is too large or the Data Storage or address converter extents are zero.
Action	Contact you Software AG technical support representative for assistance.

ERROR-064	**Error writing DSST : {response-code}**
Explanation	The nucleus returned response code "nn" while writing the DSST to the database. The file(s) being accessed remain(s) in an inaccessible state.
Action	Investigate the cause of the problem; correct the error and rerun the job.

ERROR-065	**Database ID mismatch: the ADARUN DBID is {dbid-a} but the GCB contains DBID {dbid-b}**
Explanation	One of the following occurred:

- the wrong database was accessed; or

- an input parameter specified an incorrect database ID.

Action	Correct the error and rerun the job.

ERROR-066   **File {file-number} is password protected**

Explanation   A password-protected file "file-number" cannot be processed without the nucleus. The nucleus is required to access the Adabas security file and to validate the supplied password.

Action   Start the Adabas nucleus and rerun the job.

ERROR-067   **Invalid or missing password for file {file-number}**

Explanation   The requested file "file-number" is password protected.

Action   Supply the correct password and rerun the job.

ERROR-068   **Utility communication block overflow**

Explanation   Too many utilities are running in parallel.

Action   Inform your database administrator.

ERROR-069   **Checkpoint block overflow**

Explanation   The Associator block containing data for checkpoints written offline is filled.

Action   Start the nucleus to pick up information currently stored in the offline checkpoint area; then rerun the job.

ERROR-070   **Error writing checkpoint: {response-code}**

Explanation   The nucleus returned the specified response code while writing a checkpoint.

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-071   **Invalid value for parameter {parm}. Only values "YES" or "NO" are allowed.**

Explanation   An invalid parameter value was specified for the parameter named in the message (*parm*). The only valid values are "YES" or "NO".

Action   Supply the correct parameter value and rerun the job.

ERROR-072   **Unexpected nucleus response {nucleus-response-code}**

Explanation   No additional information is available.

Action   Note and keep any related error information or output. Inform your DBA. If necessary, contact your Software AG technical support representative.

ERROR-073	**Record too long for output datset**
Explanation	An attempt was made to write a record to the sequential output data set. The length of the requested record exceeded the maximum record length permitted by the I/O system.
Action	Inform your database administrator.

ERROR-074	**{file-number} is an invalid file number**
Explanation	The supplied file number:

- is zero;

- is greater than the MAXFILES parameter in effect for the database;

- has been duplicated in the file list specified; or

- represents a system file and is greater than 5000.

Action	Supply a correct file number and rerun the job.

ERROR-075	**The parameter {parameter} is mutually exclusive to one or more other parameters supplied in the input**
Explanation	The setting of the specified parameter conflicts with at least one other parameter setting in the related utility job. See the description of the utility syntax in the Adabas Utilities documentation for more information.
Action	Change or remove one of the mutually exclusive parameter settings, and rerun the job.

ERROR-076	**Mandatory parameter {parameter} missing**
Action	Add this parameter and rerun the job.

ERROR-077	**I/O error during execution of a sequential read on file {ddname} : {reason}**
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-078	**Error occurred during opening of file {ddname} for output: {reason}**
Explanation	The cause is probably a misspelling of the DDNAME, incorrect JCL, etc.
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-079   **Error occurred during closing of output file {ddname} : {reason}**

Explanation   The cause is probably a misspelling of the DDNAME, incorrect JCL, etc.

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-080   **Error occurred during execution of write command to file {ddname} : {reason}**

Explanation   The cause is probably a misspelling of the DD/NAME, incorrect JCL, etc.

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-081   **Error occurred during opening/closing of input file {ddname} : {reason}**

Explanation   The cause is probably a misspelling of the DD/NAME, incorrect JCL, etc.

Action   Investigate the cause of the error; correct it and rerun the job.

ERROR-084   **GETMAIN error - not enough virtual memory requested**
length = {count} ({hex-count}) bytes
memory gotten = {count} ({hex-count}) bytes

Action   Rerun the job in a larger partition/region.

ERROR-086   **Invalid { ASSO | DATA } RABN {nnnn} : {reason}**

Explanation   This RABN is not defined in the database.

Action   Check the input parameters; correct the error and rerun the job.

ERROR-087   **{device} is an unknown disk device type**

Explanation   An invalid or unknown device type was found during processing.

Action   Check the input parameters; correct the error and rerun the job.

ERROR-088   **ADALNK and/or ADANUC not present**

Explanation   The Adabas installation procedure was not properly executed.

Action   Inform your database administrator.

ERROR-089   **Utility not permitted to run**

Explanation   Another utility has exclusive database control. The table displayed below the message on the terminal screen shows the current contents of the utility communications block. One of the jobs displayed has exclusive database control.

Action   Wait until that job has ended and retry this function.

ERROR-090	**Utility not permitted to run; file number {file-number} is locked by another utility**
Explanation	The table displayed below the message on the terminal screen shows the current contents of the utility communications block. One of the jobs displayed has exclusive file control.
Action	Wait until that job has ended, and then retry this function.

ERROR-091	**Utility not permitted to run**
Explanation	Concurrent jobs are not allowed to run against the database. In this case,

- the nucleus or another utility is active; or

- the nucleus was started with ADARUN READONLY=YES.

Action	Determine which utility/nucleus is already active. Wait until that utility/nucleus has ended and retry this function. If the nucleus was started with READONLY=YES, shut it down and restart with READONLY=NO.

ERROR-092	**Utility not permitted to run**
Explanation	The Adabas nucleus returned response "nn -xxx nucleus response -xxx". The nucleus cannot allow access to the requested file.
Action	Analyze the **nucleus response code**. Correct the error and rerun the job.

ERROR-093	**Utility not permitted to run**
Explanation	Pending autorestart detected.
Action	Restart the nucleus to perform the autorestart. Perform a shutdown after successful nucleus start if required. Rerun this job.

ERROR-094	**Utility not permitted to run**
Explanation	The version of the accessed database conflicts with the version of the active utility. Either the version indicator in the GCBs or the version indicator returned by the Adabas nucleus is not correct. The version indicator found is "version" (the text of the messages supplies the actual version indicator value).
Action	Correct the database or load library specification and rerun the job.

ERROR-098	**File {file-number} cannot be processed**
Explanation	The file comes from a database with a higher version number, and uses features not supported in the current nucleus version.
Action	It is not possible to process this file using the current version of the Adabas nucleus or utilities.

ERROR-099   **Internal error at {xxxxxx}+{yyyyyy}**

Explanation   Register contents at time of error:

R0-R3	xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
R4-R7	xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
R8-R11	xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
R12-R15	xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

Action   Inform your database administrator.

ERROR-101   **Value for unique descriptor {xx} in file {yy} already present**

Explanation   Input data is invalid; the specified file *yy* cannot be processed. ISN=*nnnn* DE-VALUE: *llvvvvvvvv* The descriptor value (DE-VALUE) comprises the length of the descriptor value (*ll*) followed by the actual value (*vvvvvvvv*).

Action   Rerun the utility with unique input data.

ERROR-102   **An attempt was made to create a 16th index level for file {xxx}**

Explanation   No more than 15 levels are permitted.

Action   Rerun this function with a smaller value for ASSOPFAC, the Associator padding factor.

ERROR-103   **File number {file-number} is not accessible**

Explanation   One of the following occurred:

■ A previous function to LOAD, REFRESH, REORDER, or RESTORE the file was interrupted. It is inconsistent.

■ A RESTONL FMOVE function or RESTONL FILE function with parameter ALLOCATION=NOFORCE was interrupted; continuing the function with RESTPLOG is not possible.

Action   Delete the file or overwrite it using ADAORD STORE or ADASAV RESTORE/RESTONL.

ERROR-104   **File number {file-number} is already loaded**

Explanation   The file being accessed is already present in the database.

Action   Look at the database report. Delete the file or choose another file number, then rerun the job.

ERROR-105	**File number {file-number} is not loaded**
Explanation	The file being accessed is not present in the database.
Action	Check the file number; correct it and rerun the job.

ERROR-106	**Compressed record too long**
Explanation	ISN of record = nnnn Length of record = nnn bytes Maximum record length = nnn bytes
	The characteristics of the data storage device do not allow such a record to be stored.

ERROR-107	**The value of the `SORTSIZE' parameter and the size of the SORT dataset do not match.**
Explanation	The data set is smaller than specified.
Action	Supply the correct size and rerun the job.

ERROR-108	**The value of the `TEMPSIZE' parameter and the size of the TEMP dataset do not match.**
Explanation	The data set is smaller than specified.
Action	Supply the correct size and rerun the job.

ERROR-109	**Workpool (LWP) too small**
Explanation	At least nnnnK of space is required. A larger value will increase performance.
Action	Increase the ADARUN LWP parameter value and rerun the job.

ERROR-110	**SORT dataset too small**
Explanation	Sorting may require either a larger SORTRn/DDSORTRn data set size, or two Sort data sets with a SORTSIZE equal to the combined size of both data sets.
Action	Supply a larger sort data set and increase the appropriate SORTSIZE= parameter. Decreasing the LWP parameter specified with the job might also help. The rules for the sort data set space calculation are described in the Adabas Utilities documentation. Rerun the job using the RESTART parameter.

ERROR-111	**Invalid value for the parameters MINISN and/or MAXISN**
Explanation	The MINISN and MAXISN parameter values must satisfy the following expression:

- If the ISNSIZE is 3: $0 < \text{MINISN} <= \text{MAXISN} < (\text{MINISN} + 16{,}777{,}215)$
- If the ISNSIZE is 4: $0 < \text{MINISN} <= \text{MAXISN} < (\text{MINISN} + 4{,}294{,}967{,}294)$

Action	Supply the correct parameter value and rerun the job.

ERROR-112   **Function not permitted**

Explanation   An attempt was made to access an Adabas system file. This is not permitted.

Action   Correct the error and rerun the job.

ERROR-113   **Invalid value for the parameter {parameter}**

Explanation   An invalid value was specified for the parameter named in the message (*parameter*). The only values allowed are YES or NO.

Action   Supply the correct parameter value and rerun the job.

ERROR-114   **Invalid value for the parameter ASSOPFAC or DATAPFAC**

Explanation   The value for a padding factor must be in the range 1 to 90%.

Action   Supply the correct parameter value and rerun the job.

ERROR-115   **Invalid value for the parameter MAXRECL**

Explanation   The value for MAXRECL must be all of the following:

- greater than 4;
- less than or equal to the Work blocksize minus 94;
- less than or equal to the Data Storage blocksize minus 4;
- equal to the MAXRECL of the anchor file (for components of expanded files).

Action   Supply the correct parameter value and rerun the job.

ERROR-116   **Invalid value for the parameter MAXFILES**

Explanation   The value for the parameter MAXFILES must meet the following requirements:

- the parameter value must be in the range 3 to "nnnn" where "nnnn" is the Associator block size minus 1.
- the first (MAXFILES*5)+30 blocks must fit into the first Associator extent.

Action   Supply the correct parameter value and rerun the job.

ERROR-117   **Parallel usage of {dataset-name} dataset**

Explanation   *data-set-name* RABN *rabn-number (value)* was overwritten by another utility.

Action   Rerun the job, and avoid parallel usage of the "data-set-name" data set.

ERROR-120   **Invalid value for parameter `ISNSIZE'**

Explanation   Either 3 or 4 may be specified for this parameter.

Action   Check the parameter input; correct any errors, then rerun the job.

37 ADAACK Error Messages

ERROR-121	**Error counter reached maximum (ERRLIM)**
ERROR-122	**Invalid value for parameter file**
Explanation	A range of file numbers must be supplied in ascending order.
Action	Supply the correct parameter value and rerun the job.
ERROR-123	**Invalid or missing FROMISN/TOISN parameter**
ERROR-125	**Invalid block length for DS block {xxxxxxxx} ({nnnn})**
ERROR-126	**AC Element contains DS RABN {xxxxxxxx} ({nnnn}) (duplicate ISN)**
ERROR-127	**AC element contains DS RABN {xxxxxxxx} ({nnnn})**
ERROR-128	**ISN {xxxxxxxx} ({nnnn}) not found AC element contains DS RABN {xxxxxxxx} ({nnnn})**
ERROR-129	**Wrong value for first unused ISN found in FCB**
Explanation	FCB+ISNU (offset X`44') contains xxxxxxxx (nnnn) Actual first unused ISN = *xxxxxxxx (nnnn)*

ERROR-130	**Invalid datastorage block/record length. DS RABN = {xxxxxxxx} ({nnnn})**
Explanation	The sum of all record lengths in the block must be equal to the block length minus 4.
Action	Run ADADCK to obtain more information.

ERROR-131	**ISN found in DS record is greater or equal to the first unused ISN in the file.**
Explanation	The ISN found in a Data Storage record is greater or equal to the first unused ISN in the address converter.

ERROR-132	**Invalid secondary ISN values in FCB**
Explanation	When spanned records are enabled, the first unused secondary ISN in the secondary address converter (used to map secondary ISNs to the RABNs of secondary records) must not be more than one higher than the maximum ISN included in the secondary address converter. In addition, the maximum ISN included in the secondary address converter must be the same as the highest allocated ISN for the secondary address converter.

ERROR-133	**AC2-element contains DS-RABN {xxxxxxxx} ({nnnn}) (duplicate ISN)**
Explanation	When spanned records are enabled, a secondary address converter element contains a duplicate ISN.

ERROR-134	**AC2-element contains DS-RABN {xxxxxxxx} ({nnnn})**
Explanation	When spanned records are enabled, a mismatch exists between the secondary address converter elements and Data Storage.

ERROR-135	**Wrong value for first unused AC2 ISN found in FCB**
Explanation	When spanned records are enabled, the first unused secondary ISN in the FCB and the first unused ISN in the secondary address converter do not match.

ERROR-136	**AC2 ISN found in DS-record is greater or equal to the first unused AC2 ISN in the file**
Explanation	When spanned records are enabled, the secondary ISN found in the Data Storage record is larger than or equal to the first unused ISN in the secondary address converter.

ERROR-137 **Spanned data storage record is invalid**
DS-RABN = {xxxxxxxx} ({nnnn})

Explanation When spanned records are enabled, the Data Storage RABN listed in the message is invalid.

Action Run the ADADCK utility for further details.

ERROR-138 **Invalid rotating ISN {isn-num}**

Explanation This ISN is outside the valid range.

Action Research the problem and contact your Software AG technical support representative for assistance.

ERROR-139 **Cannot keep more than 500 million ISNs in core**

Explanation The number of ISNs requested for the ADAACK utility exceeded the limit that can be requested.

Action Limit the ISN range and rerun the ADAACK job.

ERROR-140 **Invalid ISN values in FCB**

Explanation The first unused ISN must not be higher than the maximum ISN (MAXISN) plus 1. The maximum ISN must correspond to the hightest allocated ISN.

ERROR-141 **AC2 table overflow**

Explanation When spanned records are enabled, a secondary address converter table overflow occurred.

ERROR-142 **ISN {xxxxxxxx} ({nnnn}) not fount**
AC2 element contains DS RABN {xxxxxxxx} ({nnnn})

Explanation When spanned records are enabled, a Data Storage RABN was found in the secondary address converter, but not in Data Storage.

ERROR-143 **Invalid rotating AC2 ISN {isn-num}**

Explanation This secondary address converter ISN is outside the valid range.

Action Research the problem and contact your Software AG technical support representative for assistance.

ERROR-144   **AC2 RABN {nnnnnnnn} ({nnnnnnnn}) is invalid**

Explanation   The secondary address converter RABN listed in the message is invalid.

Action   Print the contents of the Associator blocks using the ADAPRI ASSOPRI utility function.
                    Then contact your Software AG technical support representative for assistance.

38 ADACDC Error and Warning Messages

ERROR-121	**Open falied for {filename} file**
Explanation	ADACDC attempted to open the file *filename* but the open failed. Processing cannot continue with this file; utility execution is terminated.
Action	Provide the missing file in the ADACDC job.

ERROR-122	**Read error for {filename} file**
Explanation	An error occurred reading the file *filename*; utility execution is terminated. This error generally occurs when the format of the file indicated is not valid.
Action	Ensure that the file in question has a valid format as specified in the ADACDC documentation. In addition, check any special considerations for the operating system where the utility is being executed.

ERROR-123	**Write error for {filename} file**
Explanation	An error occurred writing to the file *filename*; utility execution is terminated. This error normally occurs when the output file is full, but it may also occur when the format of the file indicated is not valid.
Action	If the file is full, increase the size of the file and rerun the job. Otherwise, ensure that the file in question has a valid format as specified in the ADACDC documentation. In addition, check any special considerations for the operating system where the utility is being executed.

ERROR-124	**Unable to write data to {filename} file**
Explanation	The ADACDC utility was not able to write data to the file *filename* because the amount of data to be written exceeded the maximum data that could be written to this file. Additional input in the message indicates the length of data that was to be written and the maximum data that can be written to the file.
Action	Increase the block size on the file to accommodate the largest record that may be written to the file.

ERROR-125	**Invalid transaction file `CDCTXI'**
Explanation	The ADACDC utility opened the CDCTXI file and successfully read the first record; however, the first record is not a transaction file record produced by the ADACDC utility.
Action	Supply a valid input transaction file to the utility or specify the RESETTXF so that the CDCTXI specification is ignored if the file name is correct.

ERROR-126	**Inconsistent PLOG input provided: current DBID={olddbid} PLOG={oldplog} BLOCK={oldblock} received DBID={newdbid} PLOG={newplog} BLOCK={newblock} PLOGS provided to ADACDC must be in sequence**
Explanation	The ADACDC utility encountered inconsistent input while processing the input PLOG data. It was expecting the next block based on the values *olddbid*, *oldplog*, and *oldblock*, but found that the next block to be processed was *newdbid*, *newplog*, and *newblock*. This can occur if
	■ a PLOG is encountered that was produced by a different database ID;
	■ *newplog* and *oldplog* are the same, but *newblock* is not 1 more than *oldblock*, or *newplog* is less than *oldplog*.
Action	PLOGs must be provided to the ADACDC utility in the chronological order in which they were created. Provide the PLOG input in the correct chronological order. If this has occurred due to information on the input transaction file and you still wish to process the PLOGs provided, specify the RESETTXF option.

WARNING-127	**Length error decompressing field file={file} ISN={isn} fieldname={name} PE-INDEX={peindex}**
Explanation	An error occurred while decompressing a record (on file *file* for ISN number *isn*, field name *name*, and PE Index *peindex*) before writing it to the primary output file. The record cannot be decompressed. This can occur if
	■ the FDT for a file has changed; or
	■ a data area longer than the default for the field in the FDT has been written, which can legally occur.
	The record is written with an indication that decompression failed.

Action   If the FDT has changed, the record cannot be decompressed unless the FDT is changed back. If the record(s) being written are longer than the default value for the field in the FDT, either increase the default value to accommodate the larger field sizes or avoid writing fields longer than the default value.

WARNING-128   **Input transaction file is empty**

Explanation   The CDCTXI file was successfully opened but was empty; no transaction information is available.

Action   If you are aware that the input transaction file is empty, you can ignore this warning; however, if you expect the input transaction file to contain some data, you need to determine why ADACDC is seeing an empty file.

ERROR-129   **{value} invalid for PHASE parameter**

Explanation   The *value* specified for the PHASE parameter is invalid.

Action   Specify "1", "2", or "BOTH", as appropriate.

WARNING-130   **FDT for file {file} not found**

Explanation   A data record is decompressed before writing to the primary output file. Before the record can be decompressed, the FDT for the file *file* must exist in the database. In this case, the FDT was not found; so the record could not be decompressed. Processing for the file is disabled after this message is issued.

Action   Make the FDT for the file available again in the database and rerun the job with FILE=file to process the records for the file in question.

ERROR-131   **Database ID mismatch ADARUN DBID={rundbid}, extract file DBID={extdbid}**

Explanation   The first record was read from the extract file provided for a phase 2 execution of the ADACDC utility. This record indicates that the extract file was generated for the *extdbid* database; however, the ADARUN DBID is *rundbid*.

Action   Run the phase 2 job using the correct database.

WARNING-132   **Inconsistent NOET specification transaction data on CDCTXI ignored**

Explanation   ADACDC detected that NOET was specified on the previous run of ADACDC, but not on this run-or vice versa. Changing the NOET parameter between runs renders the data on the transaction file redundant; therefore, this data is ignored.

Action   If this is expected, the message may be ignored. If it is not expected, you should determine why the ADACDC utility is being run with different options.

WARNING-133	**Length error decompressing entire record file={file} ISN={isn}**
Explanation	Before writing the ISN "isn" for file "file" to the primary output data set, an attempt was made to decompress the data. This failed as the maximum length of output that can be written to the primary output data set is not large enough to accommodate the decompressed record. The record is written to the primary output data set with an indicator in the CDCO that the record is still in compressed format.
Action	Increase the block size of the primary output data set. If the data record requires more than 32K when decompressed, it cannot be supported by the ADACDC utility.

ERROR-134	**Unknown error occurred decompressing data file={file} ISN={isn} RC={rc}**
Explanation	An unknown error occurred while decompressing the data record for ISN "isn" on file "file" prior to output to the primary output data set. The return code was "rc". The record is written to the primary output data set with an indicator in the CDCO that the record is still in compressed format.
Action	Report the error to your DBA.

ERROR-135	**Error limit exceeded**
Explanation	The error limit is exceeded if the combined number of WARNING-127, WARNING-133, or WARNING-134 messages exceeds 99. This error generally indicates a fundamental problem with FDT definition(s) that should be corrected.
Action	Correct the reason for some or all of the warning messages and rerun the job.

WARNING-136	**PLOG(S) may be missing current={currplog} next=nextplog**
Explanation	While reading the input PLOGs, ADACDC detected that the PLOG number jumped from *currplog* to *nextplog* indicating that PLOG numbers in between may have been skipped.
	This can legally occur during online saves because they increase the session number without the PLOG number being changed. This causes the next PLOG started to use a number more than 1 greater than the previous PLOG.
	If that does not explain the difference, verify that all appropriate PLOGs for the database have been provided in sequence.

ERROR-137	**PLOG {plognumber} not of current version**
Explanation	ADACDC cannot handle protection logs (PLOGs) from previous versions.
Action	Use the ADACDC from the load library of the appropriate version.

ERROR-138   **PLOG {plognumber} was produced by a cluster nucleus session and has not been merged yet**

Explanation   The protection log (PLOG) was created by an Adabas cluster nucleus and has not yet been merged with other PLOGs using an ADARES PLCOPY procedure.

Action   Use the ADARES PLCOPY function before extracting data using ADACDC.

39 ADACMP Error Messages

ERROR-121	**Invalid value for parameter RECFM**
Explanation	This parameter is required for VSE only. Valid values are:

RECFM=F	fixed
RECFM=FB	fixed blocked
RECFM=V	variable
RECFM=VB	variable blocked
RECFM=U	undefined

Action	Supply the correct parameter value and rerun the job.

ERROR-122	**Missing function code**
Explanation	One of the keywords COMPRESS or DECOMPRESS must be specified.
Action	Supply the required function keyword to the input and then rerun the job.

ERROR-123	**Missing field definition table (FDT)**
Explanation	The parameter input must contain either the field definition table or the parameter "FDT=file-number".
Action	Add a valid FDT parameter, and then rerun the job.

ERROR-124	**Error reading field definition table (FDT)**
Explanation	The nucleus returned response code "nn" while reading the field definition table (FDT). "response" is the nucleus response.
Action	Investigate the cause of the error; correct it and rerun the job.

ERROR-125	**Invalid value for parameter `UTYPE'**
Explanation	Valid values are UTYPE=EXU or UTYPE=EXF.
Action	Supply the correct parameter value, and then rerun the job.

ERROR-126	**Invalid input dataset**
Explanation	The input data set (EBAND/DDEBAND) must have a record format of variable or variable blocked.
Action	Supply a correct input data set and rerun the job.

ERROR-127	**Syntax / semantic error found during field definition table (FDT) compilation**
Explanation	...cause of message displayed here...

Some of the causes are:

- an SQL null field (NC) was specified with the NU (null suppression) option, or for a fixed-point (FI) field type.

- a multiple-value (MU) field or an occurrence in a periodic (PE) group was specified as an SQL null value (NC option) field.

- more than 254 elementary fields were defined in the specified (`xx') periodic (PE) group.

Action	Correct the field definition table (FDT) definition, and then rerun the job.

ERROR-128	**Invalid value for the parameter `CODE'**
Explanation	The value specified for the CODE parameter is either incorrect, or the CODE parameter is not valid in this case.
Action	Either remove the CODE parameter, or specify at most eight digits, or blanks. Rerun the job. Refer to the Adabas Security documentation for more information.

ERROR-129   **The supplied format buffer is wrong**

Explanation   "FORMAT=xxxxxxxx" or "FORMAT=**" is incorrect.

Action   Specify a correct value for format, and then rerun the job.

ERROR-130   **Hyperexit not loaded**

Explanation   The hyperexit number "nnnn" has not been defined to ADACMP.

Action   Add the HEXnn parameter to the ADARUN input, and rerun the job. The HEX parameter nn defines the hyperexit to ADACMP.

ERROR-131   **Invalid value for the `SORTSEQ' parameter**

Explanation   The following values are allowed:

SORTSEQ=ISN	to process an ISN sequence.
SORTSEQ=DE	where DE is any descriptor whose parent field is not an MU field or contained in a periodic group; that is not a phonetic descriptor or hyperdescriptor and does not have the NU option.

Action   Supply the correct parameter value, and rerun the ADACMP job.

ERROR-132   **Descriptor {desc-name} for file {file-number} has the `NU' option**

Action   Select another descriptor, or add the parameter NU to the utility input. In this case, records may be lost. See the ADACMP utility description in the Adabas Utilities documentation for more information.

ERROR-133   **Parameter ETID not allowed**

Explanation   The ADACMP utility ETID parameter may only be specified if the INFILE parameter is also specified.

Action   Check the parameter input, correct any incompatibility or other error, and then rerun the job.

ERROR-135   **Incorrect FDT found in input dataset**

Explanation   One of the following is the case:

- the field definition table (FDT) expected in the first record is missing, or

- the FDT structure read from the input data set does not satisfy the rules.

Action   Check whether the input data set is valid. Supply a correct input data set and rerun the job.

ERROR-136	**Parameter error**
Explanation	At least one of the parameters UACODE, UWCODE, FACODE, FWCODE, or FWUCODE contains an invalid value. Valid encoding values are 0-4095.
Action	Correct the encoding key value and rerun the job.

ERROR-137	**Parameter error**
Explanation	The architecture key parameter UARC contains an invalid value. Valid values are 0-11.
Action	Correct the architecture key value and rerun the job.

ERROR-138	**UES object {object} failed to load**
Explanation	The required UES object specified was not loaded. It is likely that the object does not exist in the UES data set.
Action	Locate the required object and load it.

ERROR-139	**UES internal error**
Explanation	This error usually results when at least one required UES object is missing.
Action	Determine which object(s) is missing and reload it.

ERROR-140	**UES initialization failed**
Explanation	Additional error messages follow that indicated the source of the error.
Action	Correct the problem and rerun the job.

ERROR-141	**UACODE/UWCODE/UARC specified, but no FACODE/FWCODE specified or implied**
Explanation	The utility does not have access to the nucleus information about the file. You must specify all values.
Action	Either remove the user encoding values (UACODE/UWCODE/UARC) or specify the file encoding values (FACODE/FWCODE) as well.

ERROR-142	**Wide field detected but length uneven**
Explanation	The length must be a multiple of the wide character size without a remainder to accommodate only full characters. For example, when using a three-byte character size, the length must be evenly divisible by 3; for a four-byte character size, the length must be evenly divisible by 4.
Action	Correct the problem and rerun the job.

ERROR-143   **Wide field detected but FUCODE not specified**

Explanation   Wide fields must specify code page information; that is, a wide-character field encoding such as FWCODE=4095 (Unicode).

Action   Correct the problem and rerun the job.

ERROR-144   **Invalid ET-ID**

Explanation   When running DECOMPRESS on a multiclient file, Adabas processes either

■ the entire file if ET-ID is not specified; or

■ the selection of records allowed for the client identified by ET-ID.

The user ID referred to by the `ETID' parameter is either not defined or has not been assigned an owner ID.

Action   Investigate the cause of the error; correct it; and rerun the job.

ERROR-145   **Invalid spanned record encountered**
Input record count = {count}

Explanation   An ADACMP DECOMPRESS run encountered an invalid spanned compressed record in the input.

Action   Contact your Software AG support representative for assistance.

ERROR-148   **DDFEHL record length too small**
Must be at least 500 bytes

Explanation   The DDFEHL error data set must have a record length of at least 500 bytes to accommodate the ADAF header and the initial logical record segment.

Action   Assign a larger sequential record length to the DDFEHL data set and try again.

ERROR-149   **MAXLOGRECLEN less than minimum**
Must be at least 32768 bytes

Explanation   The value specified for the MAXLOGRECLEN parameter is too small; it must be at least 32768 bytes.

Action   Supply the correct parameter value and then rerun the job.

ERROR-150   **HEADER=YES but first input record does not have a valid ADAH header**

Explanation   The HEADER parameter was set to "YES" for an ADACMP COMPRESS run, but the first uncompressed input record does not have a valid ADAH header.

Action   Review the input records and determine whether the input records are in error or whether the HEADER parameter should be set to "NO" instead. if the problem persists, contact your Software AG support representative for assistance.

ERROR-151	**DDAUSBA record length too small** **Must be at least {number} bytes**
Explanation	The DDAUSBA data set record length is too small for ADACMP DECOMPRESS processing. If the HEADER parameter is set to "NO", the minimum length is the length of the record descriptor word (RDW) plus one byte. if the HEADER parameter is set to "YES", the minimum length is the length of the RDW plus the length of the ADAH or ADAC header plus one byte.
Action	Assign a larger sequential record length to DDAUSBA and try again.

ERROR-152	**DDAUSB1 record length too small.** **Must be at least {nnn} bytes.**
Explanation	The DDAUSB1 data set record length is too small for COMPRESS with LOBVALUES=YES. The record length must be large enough to accommodate the compressed record length determined by the LOBDEVICE parameter and control information.
Action	Assign a larger sequential record length to DDAUSB1 or reevaluate the LOBDEVICE parameter setting. Then try again.

ERROR-153	**Code specified but LOB fields exist for file**
Explanation	The CODE parameter is not supported for files containing large object (LB option) fields.
Action	Specify a different file or remove the CODE parameter and try again.

ERROR-154	**LOBVALUES=YES but no LOB fields exist for file.**
Explanation	The LOBVALUES parameter should only be set to YES for input files that have large object (LB) fields.
Action	Investigate the cause of the error and try again.

ERROR-155	**LOBVALUES=YES with DECOMPRESS requires INFILE.**
Explanation	The ADACMP DECOMPRESS function that specifies LOBVALUES=YES requires that the INFILE parameter be set to the *base file* of a *LOB file group* in order to populate the LOB values in the uncompressed records.
Action	Specify an INFILE parameter and try again.

ERROR-156   **Decompress of a LOB file is not permitted.**

Explanation   You cannot run the ADACMP DECOMPRESS function on a *LOB file*. It can only be specified on the *base file* of a *LOB file group*.

Action   Ensure the input file is specified correctly and is not a *LOB file* and try again.

ERROR-157   **Invalid LOB information detected for file {filenum}**

Explanation   The ADACMP DECOMPRESS INFILE with LOBVALUES=YES did not detect a valid *LOB file*. Either no *LOB file* is associated with the *base file* referenced in the message (`filenum`) or the *LOB file* information in the *base file* is invalid.

Action   Ensure the specified *base file* is properly associated to a *LOB file* and try again.

ERROR-158   **Error during hyperexit call**
                 A call to hyperexit number {nn} resulted in a response 79 with subcode {code}

Explanation   A hyperexit call failed with response code 79 and the subcode given in the message.

Action   Investigate the subcode to determine the reason for the error.

40 ADACNV Error Messages

This document describes conversion errors that might occur.

ERROR-121	**Version {to-version} not supported**
Explanation	Version number specified with parameter "TOVERS" is not supported by ADACNV.
Action	Change the parameter to a supported version and rerun the utility.

ERROR-122	**Conversion not permitted for version 5.1 and below**
Explanation	The current version of the database is 5.1 or below. Conversion could only be performed from version 5.2 and above.
Action	Convert the database to version 5.2 by starting and stopping the version 5.2 Adabas nucleus, then rerun ADACNV.

ERROR-123	**Conversion not possible because the DIB block is not empty**
Explanation	The DIB block is not empty, conversion is not possible.
Action	Shut down the Adabas nucleus, wait for all utilities to complete, and rerun ADACNV.

ERROR-124	**Conversion not possible because the checkpoint block extension is not empty**
Explanation	The CP block extension (RABN 20-24) is not empty. Conversion to version 5.2 is not possible.
Action	To clear the CP block extension, restart the nucleus; then end the nucleus normally.

ERROR-125	**Conversion not possible because of pending autorestart**
Explanation	The Work data set is not empty. Conversion is not possible.
Action	To remove the pending autorestart, restart the nucleus and end it normally.

ERROR-126	**DDFILEA block size too small**
Explanation	The DDFILEA block size ("blocksize" bytes) is too small to write a record with a length of "length" bytes.
Action	Assign DDFILEA to a device type with a larger sequential block size.

ERROR-127	**Security file block too large**
Explanation	Security-by-value conversion expands the data records, which then do not fit into the data block.
Action	Run ADAORD REORDATA on the security file with a larger padding factor; then rerun the ADACNV job.

ERROR-128	**Version 6 feature is used, backward conversion impossible**
Explanation	One of the following version 6 features was used:

- 4-byte RABN

- DBID greater than 255

- maximum number of files in the database more then 255

Conversion to version 5 is not possible.

Action	Remove version 6 features and rerun the ADACNV job.

ERROR-129	**File {file-number} has version 6 feature on, backward conversion impossible**
Explanation	Version 6 feature 4-byte ISN was used. Conversion to version 5 is not possible.
Action	Remove version 6 features and rerun the ADACNV job.

ERROR-130	**DLOG area is not empty. ADADSF has been used, conversion to version 5.2 not possible**
Explanation	The Adabas Delta Save Facility was used. ADADSF cannot run under version 5.2.
Action	Switch ADADSF off and rerun the ADACNV job.

ERROR-131	**File {file-number} has version 5.3 feature on, backward conversion impossible**

Explanation	Version 5.3 feature was used. Conversion to version 5.2 is not possible.

Action	Remove version 5.3 features and rerun the ADACNV job.

ERROR-132	**DDFILEA (FILEA) structure mismatch**

Explanation	DDFILEA (FILEA) has an invalid structure. This is probably a job control (JCL) statement error.

Action	Correct any error and rerun the ADACNV job.

ERROR-133	**File {file-number} has version 7.1 feature on, backward conversion impossible**

Explanation	Version 7.1 feature was used. Conversion to version 6 is not possible.

Action	Remove version 7.1 features and rerun the ADACNV job.

ERROR-134	**Conversion not possible because protection log has not been copied**

Explanation	The PLOGRn data set is not free. Conversion fails.

Action	Run ADARES PLCOPY to free the PLOG data set(s); then rerun the ADACNV job.

ERROR-135	**Conversion not possible because alternate RABNS are assigned**

Explanation	Alternate RABNs are not supported by Adabas version 7.2 and above.

Action	Use ADAORD to reorder the database before converting it from a version of Adabas version 7.1 or below to Adabas version 7.2 or above.

ERROR-136	**Open PLOGR{n} error for NUCID= {nucid}, DSNAME= {plog-name}**

Explanation	The parallel participant table (PPT) entry contains a protection log (PLOG) data set with the specified number and name. ADACNV was unable to open the data set. The data set may have been deleted, or it may not be cataloged, or it may contain PLOG data that has not yet been copied.

Action	Provide access to the specified data set or use the IGNPPT parameter and rerun the job.

ERROR-137	**I/O error reading PLOGR{n} for NUCID= {nucid} , DSNAME= {plog-name}**

Explanation	The parallel participant table (PPT) entry contains a protection log (PLOG) data set with the name and number specified. ADACNV was unable to read the first block of this data set. The data set has probably been destroyed.

Action	Determine the cause of the error; correct it and rerun the job.

ERROR-138	**Conversion is not permitted for Event Replicator databases.**
Explanation	Backward conversion of an Event Replicator database is not supported prior to Adabas version 7.4.
Action	Investigate the cause of the error.

ERROR-139	**Conversion is not permitted when a {REPLICATOR | SLOG} file is loaded.**
Explanation	Backward conversion of a database is not possible when a Replicator or SLOG system file is loaded.
Action	Investigate the cause of the error.

ERROR-140	**PPT-area allocation failed**
Explanation	The allocation of the PPT area failed. An attempt was made to allocate 32 ASSO blocks.
Action	Correct the error and rerun the job.

ERROR-141	**Conversion back to V74 not possible**
Explanation	The database has more than five physical ASSO or DATA extents. It cannot be reverted back to an Adabas 7 database.
Action	Contact your Software AG technical support representative for assistance.

ERROR-142	**Conversion back to V74 not possible**
Explanation	One or more system file numbers is greater than 255.
Action	Adjust the system file numbers so they are less than 255 and try again.

ERROR-143	**File {filename} has version 8.1 feature on**
Explanation	An Adabas 8 feature is used by the file listed in the message that makes it impossible to revert the database to a prior Adabas release.
Action	Remove the Adabas 8 features and rerun the ADACNV job.

ERROR-144	**Conversion not required**
Explanation	The Adabas version of the database is the same as the version requested in the ADACNV run.
Action	No action is required for this informational message.

ERROR-145   **Conversion back to V74 not possible. More than 6 user system files exist.**

Explanation   Adabas 7 allowed a maximum of six user system files (files loaded with the SYSFILE option). More than six user system files currently exist.

Action   Unload, delete, and reload the additional user system files without the SYSFILE option. Then rerun this utility.

ERROR-146   **Conversion back to V74 not possible. Unknown system file {nnnnn} exists.**

Explanation   The user system file identified in the message (*nnnnn*) exists in the reserved area of the GCB.

Action   Unload, delete, and reload the system file with the SYSFILE option to place the file number in the correct area of the GCB. Then rerun this utility.

Conversion to version {yy} feasible

Explanation   In the first phase of conversion, this message is printed to indicate that the conversion of the database is possible.

Point of no return reached

Explanation   The ADACNV utility has begun its final pass. Any abend after this point requires a new run of the utility with the RESTART parameter.

Conversion from version {xx} to version {yy} started

Explanation   In the first phase of conversion, a conversion step has started.

Conversion is completed

Explanation   The conversion step has been successfully completed.

The mirror table (ASSO RABN 7) has been cleared

Explanation   Adabas Reflective Database is not supported by Adabas version 7 and above.

The BUB (ASSO RABN 2) has been cleared
Alternate RABN definitions were found but no alternate RABNS were assigned

Explanation   Alternate RABNs are not supported by Adabas version 7.2 and above.

Security by value converted normally

Explanation	Security-by-value conversion has been successfully completed.

Some FST entries are deleted

Explanation	At least one FST entry does not fit into one FST block due to the FST structure change. The entry or entries with the smallest RABN range(s) are deleted.
	ADACNV finishes with a warning and response code 4.
Action	Run ADAORD REORDB after conversion.

41 ADADBS Error Messages

ERROR-114   **Invalid value for parameter ASSOPFAC or DATAPFAC**

Explanation   The value for a padding factor must be in the range 1 to 90%.

Action   Correct the parameter value and rerun the job.

ERROR-121   **Invalid encoding value (1-4095)**

Explanation   A valid encoding value is in the range 1 through 4095.

Action   Supply a valid encoding value for the parameter and rerun the job.

ERROR-122   **Invalid file number specification**

Explanation   Depending on the function to be performed, one or more file numbers must be supplied.

Action   Supply the correct parameter value and rerun the job. Refer to the Adabas Utilities documentation for more information.

ERROR-123   **Invalid value for the parameter MODE**

Explanation   Either ON or OFF is required to specify the new mode for DS or ISN reusage.

Action   Supply the correct parameter value and rerun the job.

ERROR-124   **Invalid value for the parameter PRTY**

Explanation   A valid value is in the range 1 through 255.

ERROR-125	**Invalid value for the parameter ASSOSIZE/DATASIZE**
Explanation	One of the parameters ASSOSIZE or DATASIZE is mandatory. You cannot use both.
Action	Supply the correct parameter value and rerun the job.

ERROR-126	**Invalid value for a SIZE parameter**
Explanation	Either the xxSIZE parameter specified an incorrect value, or more than one xxSIZE parameter was specified.
Action	Supply the correct parameter value and rerun the job. Only one SIZE parameter can be specified. The value must be specified in blocks. Choose one of the following sizes:

- ACSIZE
- DSSIZE
- NISIZE
- UISIZE

ERROR-127	**Invalid value for the parameter LENGTH, OPTION, or FORMAT**
Explanation	The following rules apply:

- Only one of the LENGTH, OPTION, or FORMAT parameters can be specified.
- If specified, the value of the LENGTH parameter must be greater than zero and less than or equal to the permitted maximum according to the requested field's format.
- If specified, the only OPTION parameter value permitted is LA.

Action	Supply the correct parameter value and rerun the job.

ERROR-128	**Invalid value for the parameter TODATE**
Explanation	The parameter TODATE must be specified in the format:
	TODATE=YYYYMMDD
Action	Supply the correct parameter value and rerun the job.

ERROR-129	**Mandatory parameter user ID missing**
Explanation	The priority is assigned to a specific user which is uniquely identified by its user ID. The user ID parameter is missing.
Action	Supply the correct parameter value and rerun the job.

ERROR-130   **Invalid value for the parameter descriptor**

Explanation   The value is one of the following:

- missing;

- not found in the FDT; or

- found in the FDT, but is not a descriptor.

Action   Supply the correct parameter value and rerun the job.

ERROR-131   **Invalid value for the parameter name**

Explanation   A valid value for the NAME parameter is required.

Action   Supply the correct parameter value and rerun the job.

ERROR-132   **Jobname or IDENT parameter missing**

Explanation   Specify at least one of these parameters. Data integrity may be lost if the whole DIB block is reset. The DDIB operator command may be used to obtain information about the current contents of the DIB.

Action   Supply the correct parameter value and rerun the job.

ERROR-133   **Invalid or missing field name**

Explanation   One of the following conditions exists:

- Field name is missing;

- Field name not found in FDT;

- Field is a group, subdescriptor.....;

- Field has FI option.

Action   Supply the correct parameter value and rerun the job.

ERROR-134   **Invalid value for the parameter {parameter}**

Explanation   The only valid values for the parameter listed in the message are YES or NO.

Action   Supply the correct parameter value and rerun the job.

ERROR-135	**Missing parameter for OPERCOM function**
Explanation	At least one valid operator command must be supplied.
Action	Supply a valid operator command and rerun the job.

ERROR-137	**Size must be specified in cylinders**
Explanation	ASSOSIZE and/or DATASIZE cannot be specified in blocks.
Action	Supply the correct parameter value in number of cylinders and rerun the job.

ERROR-138	**Size must be specified in blocks**
Explanation	ASSOSIZE and/or DATASIZE cannot be specified in cylinders.
Action	Supply the correct parameter value in number of blocks and rerun the job.

ERROR-139	**Invalid dataset number**
Explanation	See the Adabas Utilities documentation for a description of data set numbers.
Action	Supply the correct parameter value, and rerun the job.

ERROR-140	**Invalid value for MAXDS, MAXNI or MAXUI**
Explanation	The values for these parameters must be specified in blocks and must not be larger than 65,535.
Action	Supply a correct parameter value and rerun the job.

ERROR-141	**Missing function parameter**
Explanation	The specific ADADBS function was not specified in the ADADBS job.
Action	Specify the appropriate function parameter as described in the Adabas Utilities documentation, and rerun the ADADBS job.

ERROR-143	**Invalid value for PGMREFRESH**
Explanation	Only "yes" or "no" are allowed as parameter values.
Action	Supply the correct parameter value and rerun the job.

ERROR-144	**Invalid value for parameter REVIEW**
Explanation	The values NO, LOCAL or hub are allowed.
Action	Supply the correct parameter value and rerun the job.

ERROR-145   **Invalid Adabas state for "TRAN SUSPEND/RESUME"**

Explanation   An online database or file save is executing, or Adabas is still processing the last
                   TRAN SUSPEND and TRAN RESUME function.

ERROR-146   **TRESUME timer expired before resume occurred**

Explanation   You ran the TRAN RESUME job, but the timer set by TRESUME (defaults to 120
                   seconds unless set in the JCL) had already expired. Once the timer expires, Adabas
                   immediately begins to return to "normal status".

ERROR-147   **"TRAN SUSPEND" already in progress**

Explanation   A TRAN SUSPEND is running. Either the timer must expire or a TRAN RESUME job
                   must be successfully executed before another TRAN SUSPEND job can be started.

ERROR-148   **No previous "TRAN SUSPEND" to resume**

Explanation   No TRAN SUSPEND job has been started.

ERROR-149   **Invalid when Adabas is "MODE=SINGLE"**

Explanation   Adabas is running in single-user mode. MODE=MULTI is required.

ERROR-150   **ET-SYNC failed**

Explanation   The ET-SYNC was not successful; the database cannot be quiesced.

Action   Contact your Software AG technical support representative.

ERROR-151   **TARGET is invalid.**

Explanation   Replication with TARGET = DBID, NUCID, 0, or greater than 65535 is not allowed.

Action   Supply the correct parameter value and rerun the job.

ERROR-152   **Parameters NOKEY and KEY are mutually exclusive.**

Explanation   Specifying both NOKEY and KEY is not allowed.

Action   Supply the correct parameter value and rerun the job.

ERROR-153	**Conflicting parameter for replication OFF.**
Explanation	Additional parameters are not allowed.
Action	Supply the correct parameter value and rerun the job.

ERROR-154	**Invalid KEY for replication. The specified KEY field <field> is not defined as a descriptor on the file to be replicated.**
Explanation	A replication key field must be defined as a descriptor.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-155	**Invalid KEY for replication. The specified KEY field <field> does not exist on the file to be replicated.**
Explanation	The specified replication key field must exist.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-156	**Invalid replication request.**
Explanation	REPLICATION ON was attempted for a file that is already replicated.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-157	**Invalid replication request.**
Explanation	A REPLICATION MODIFY or REPLICATION OFF was attempted for a file that is not currently replicated.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-158	**Invalid FILE for replication.**
Explanation	A replicated file must exist on the database and may not be an Adabas system file or ciphered.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-159	**Invalid replication request.**
Explanation	REPLICATION ACTIVATE was attempted for a file that already has replication activated.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-160	**Parameters ACTIVATE and DEACTIVATE are mutually exclusive.**
Explanation	Specifying both ACTIVATE and DEACTIVATE is not allowed.
Action	Supply the correct parameter value and rerun the job.

ERROR-161	**Invalid value for parameter DSBI.**
Explanation	The only valid values for DSBI are "ON" or "OFF".
Action	Supply the correct parameter value and rerun the job.

ERROR-162	**Conflicting parameter for replication ON.**
Explanation	ACTIVATE / DEACTIVATE may not be specified.
Action	Supply the correct parameter value and rerun the job.

ERROR-163	**Event Replicator Server function only allowed for Event Replicator database**
Explanation	The ADADBS Event Replicator Server function is only valid for an Event Replicator database.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-164	**The specified destination {destination} was not found.**
Explanation	The destination listed in the message is not defined to the Event Replicator Server.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-165	**The specified subscription {subscription} was not found.**
Explanation	The subscription listed in the message is not defined to the Event Replicator Server.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-166	**The specified DBID was not found.**
Explanation	The specified DBID is not defined to the Event Replicator Server.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-167	**The specified FILE/DBID was not found.**
Explanation	The specified file for the specified DBID is not defined to the Event Replicator Server.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-168	**The specified destination {destination} was already {active|inactive}.**
Explanation	The Event Replicator Server detected the destination listed in the message was already active or inactive.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-169	**The specified FILE/DBID was already {active|inactive}.**
Explanation	The Event Replicator Server detected the specified file for the specified DBID was already active or inactive.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-170	**The specified subscription {subscription} was already {active|inactive}.**
Explanation	The Event Replicator Server detected the subscription listed in the message was already active or inactive.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-172	**Invalid value for DBID.**
Explanation	DBIDs greater than 65535 are not allowed.
Action	Supply the correct parameter value and rerun the job.

ERROR-173	**{CLOSE | OPEN} failed for specified destination {destination-name}**
Explanation	ADADBS detected that the Event Replicator Server could not CLOSE or OPEN the destination listed in the message.
Action	Investigate the cause of the error. The Event Replicator Server job log will provide more details on why the request failed.

ERROR-174	**The specified input queue {queue-name} was not found.**
Explanation	The input queue (IQUEUE) listed in the message is not defined to the Event Replicator Server.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-175	**{CLOSE | OPEN} failed for specified input queue {queue-name}**
Explanation	ADADBS detected that the Event Replicator Server could not CLOSE or OPEN the input queue (IQUEUE) listed in the message.
Action	Investigate the cause of the error. The Event Replicator Server job log will provide more details on why the request failed.

ERROR-176	**Missing parameter: DESTINATION or IQUEUE required**
Explanation	Either `DESTINATION` or `IQUEUE` must be specified for the OPEN and CLOSE functions.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-178	**The specified destination {dest-name} may not be active** **Data still exists on the SLOG system file for this inactive destination**
Explanation	An attempt was made to activate the destination named in the message (`dest-name`) while transactions for the destination still exist on the SLOG system file from the last time it was activated.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-179	**The specified DBID/file may not be activated** **The SLOG has been suspended for database-related input transactions and one or more transactions exist on the SLOG system file for this inactive DBID/file**
Explanation	An attempt was made to activate a DBID/file combination that was deactivated because the SLOG system file was full.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-182	**No file number given**
Explanation	The mandatory operand, FILE, was not specified with the MUPEX or RECORDSPANNING function.
Action	Supply the correct parameter value and rerun the job. For more information, read about the MUPEX and RECORDSPANNING functions of the ADADBS utility in your Adabas utilities documentation.

ERROR-183	**Invalid MUPECOUNT option (1/2)**
Explanation	A value other than "1" or "2" was specified for the MUPECOUNT parameter in an ADADBS MUPEX function run. The only valid values for MUPECOUNT are "1" or "2".
Action	Supply the correct parameter value and rerun the job. For more information, read about the MUPEX function of the ADADBS utility in your Adabas utilities documentation.

ERROR-184	**MUPECOUNT specification is invalid. The file contains a PE and has records.**
Explanation	To set the MUPECOUNT parameter to "1", the file must either be empty or have no PE fields. To set the MUPECOUNT to "2", the file cannot contain a PE field that is part of a DE field unless the file is empty.
Action	Supply the correct parameter value or release the descriptors and rerun the job. For more information, read about the MUPEX function of the ADADBS utility in your Adabas utilities documentation.

ERROR-186	**Conflicting file options**
Explanation	One of the following circumstances occurred:

- The file specified is a system file.

- The file specified is a coupled file.

- The file specified is an ADAM file.

- The file specified is a replicated file.

- Only privileged commands are permitted against this file.

- The file specified is in load status.

- MIXDSDEV is not permitted for spanned data storage files.

Action	Correct the file or parameters and rerun the ADADBS job.

ERROR-187	**TIMELIMIT exceeded**
Explanation	The RECORDSPANNING or SPANCOUNT functions's time limit (set by the TIMELIMIT parameter) was exceeded.
Action	Change the TIMELIMIT parameter value and rerun the job. For more information, read about the RECORDSPANNING and SPANCOUNT functions of the ADADBS utility in your Adabas utilities documentation.

ERROR-188	**Invalid RECORDSPANNING request**
Explanation	The MODE=OFF parameter of the RECORDSPANNING function cannot be specified for a file that already contains spanned data storage records.
Action	Ensure that the specified file contains no spanned data storage records and then rerun the ADADBS job. For more information, read about the RECORDSPANNING function of the ADADBS utility in your Adabas utilities documentation.

ERROR-189	**An I/O error occurred**
Explanation	An I/O error occurred executing the specified function
Action	Research and correct the cause of the error and rerun the ADADBS job.

ERROR-190	**File specified is not spanned**
Explanation	The file specified does not have spanned data storage records enabled.
Action	Specify a file with spanned data storage records enabled and rerun the ADADBS job.

ERROR-191   **Replication may not be turned on for a file with spanned data storage records.**

Explanation   Replication may not be turned on for a file with spanned Data Storage records.

Action   Review and correct the parameters specified in the ADADBS run and ensure that you
                       are not trying to replicate a file containing spanned records. Then try running the job
                       again.

ERROR-194   **Replication not active for Adabas**

Explanation   Input information to ADADBS is requiring that the Adabas database have
                       REPLICATION=YES (replication must be active) specified in the parameters to
                       accomplish the request. However, replication for the database is not active.

Action   Examine the input to ADADBS for correctness. You may have to modify, stop, and
                       restart the Adabas database to allow replication to be active.

42 **ADADCK Error Messages**

ERROR-121   **Invalid record length found**

Explanation   The record length is negative, zero, or greater than the permitted maximum
                   (MAXRECL value).

> DSRABN=xxxxxxxx (nnnn), OFFSET=xxxxxx (nnn)

ERROR-123   **Duplicate ISN found**

Explanation   The same ISN is found twice in the same DS block.

> DSRABN=xxxxxxxx (nnnn), OFFSET=xxxxxx (nnn)

ERROR-124   **Invalid DSST entry found**

Explanation   The following information is provided to identify the error:

> DSRABN=xxxxxxxx (nnnn), REQUIRED % x, PRESENT % x,
> DSSTRABN=xxxxxxxx (nnnn), OFFSET=xxxxxx (nnn)

Block size minus padding = xxxx (nnn) Size of block in use = xxxx (nnn)

ERROR-125	**Invalid record length**
Explanation	The DSCHECK function found that either the sum of all record lengths in one Data Storage block is not equal to the block length minus 4; or that the record length is zero.

DSRABN=xxxxxxxx (nnnn), OFFSET=xxxxxx (nnn)

ERROR-127	**Invalid block length**
Explanation	The block length field contains either

■ a negative value; or

■ a number larger than the physical block size.

DSRABN=xxxxxxxx (nnnn), OFFSET=xxxxxx (nnn)

ERROR-128	**Invalid ISN found**
Explanation	An ISN was detected that is either zero or greater than the maximum allowed (TOPISN) value.

ERROR-130	**Spanned record with** **ISN {isnnumber}** **DS RABN {rabn}** **One of the following errors occurred:** **Neither primary spanned record bit nor** **secondary spanned record bit is switched on.**
Explanation	The header of the spanned record with the ISN number listed in the message (*isnnumber*) is erroneous.
Action	Correct the ISN or the ISN of the next spanned record or switch on the primary spanned record bit or the secondary spanned record bit (but not both). To correct the header of a spanned record, contact your Software AG technical support representative.

ERROR-131	**Spanned data storage record with** **ISN {isnnumber} DS RABN {rabn}** **contains inconsistencies.** **One of the following errors occurred:** **ISN of next secondary spanned record is zero.** **Bits of secondary spanned record and primary record are both switched on.**
Explanation	The header of the primary spanned record with the ISN number listed in the message (*isnnumber*) is erroneous.

Action	Correct the ISN of the primary spanned record, correct the ISN of the next secondary spanned record, or switch off the secondary spanned record bit. To correct the header of a spanned record, contact your Software AG technical support representative.

ERROR-132	**Secondary spanned record with ISN {isnnumber}** **not found.**
Explanation	The header of the secondary spanned record with the ISN number listed in the message (*isnnumber*) cannot be found in Data Storage.
Action	Contact your Software AG technical support representative for assistance.

ERROR-133	**Duplicate primary spanned DS** **ISN {isnnumber} found - DS RABN {rabn}**
Explanation	The ISN number listed in the message (*isnnumber*) appears in two primary spanned records in Data Storage. ISNs should be unique.
Action	Contact your Software AG technical support representative for assistance.

ERROR-134	**Duplicate secondary spanned DS** **ISN {isnnumber} found - DS RABN {rabn}**
Explanation	The ISN number listed in the message (*isnnumber*) appears in two secondary spanned records in Data Storage. ISNs should be unique.
Action	Contact your Software AG technical support representative for assistance.

ERROR-135	**Secondary spanned record with ISN {isnnumber1} not found.** **Secondary ISN {isnnumber2} DSRABN {rabn} points to secondary ISN** **which was not found in data storage**
Explanation	The ISN for a secondary spanned record listed in the message (*isnnumber1*) could not be found in Data Storage. The ISN of the secondary spanned record that points to this ISN is also given in the message (*isnnumber2*).
Action	Contact your Software AG technical support representative for assistance.

ERROR-136	**Secondary ISN {isnnumber} found in Data** **Storage RABN {rabn} but not referenced by a primary ISN.**
Explanation	A secondary spanned record was found in Data Storage is not referenced by a primary ISN. The ISN of the secondary spanned record is given in the message (*isnnumber*).
Action	Contact your Software AG technical support representative for assistance.

ERROR-137	**Primary ISN {isnnumber1} not found. Primary ISN was referenced in secondary ISN {isnnumber2} DS RABN {rabn} - removing from the FROMRABN/TORABN will most likely resolved the warning.**
Explanation	The ISN for a primary spanned record that was referenced by a secondary spanned record was not found in Data Storage during the ADADCK run. The ISN numbers for both the primary spanned record (*isnnumber1*) and the secondary spanned record (*isnnumber2*) are given in the message.
	The most likely cause of this error is that the FROMRABN and TORABN parameters were specified for the ADADCK run and the FROMRABN parameter references a secondary RABN rather than a primary RABN. We recommend that the FROMRABN parameter reference a primary RABN instead.
Action	If you have used the FROMRABN parameter, verify that it points to a primary RABN and not a secondary RABN. Then try the job again. You might also consider removing the FROMRABN and TORABN parameters from the run.
	If problems persist, contact your Software AG technical support representative for assistance.

43 ADADEF Error Messages

ERROR-121	**Missing function parameter**
Action	Add one of the following parameters and rerun the job:

- ADADEF DEFINE - define a new database
- ADADEF NEWWORK - define a new work

ERROR-122	**Invalid value for the parameter DBID**
Explanation	The value for the database ID must be in the range 1 to 65,535.
Action	Supply the correct parameter value and rerun the job.

ERROR-123	**Checkpoint-file definition missing in parameter-list**
Explanation	Each Adabas database requires a checkpoint file.
Action	Add the following parameter and rerun the job.

```
ADADEF FILE=xx,CHECKPOINT, ...
```

ERROR-124	**Multiple system file definition not permitted**
Explanation	The Adabas checkpoint and security file can be defined only once per database.
Action	Supply the correct parameter value and rerun the job.

ERROR-125	Invalid value for the parameter WORKSIZE
Explanation	The value of the WORKSIZE parameter must be at least 300 + WALT + number of blocks per track.
Action	Increase the WORKSIZE value and rerun the job.

ERROR-126	ADADEF not permitted to run
Explanation	An attempt was made to run ADADEF in parallel with an active nucleus. The Adabas nucleus returned response "response-code". (A short explanation is given here).
Action	The only acceptable response code is 148. Shut down the nucleus and rerun the job.

ERROR-127	Inconsistent parameter list
Explanation	A corresponding extent parameter is required for

ASSOSIZE/ASSODEV/AALT, and DATASIZE/DATADEV/DALT. |
| Action | Supply the correct parameter value and rerun the job. |

ERROR-128	File type missing or invalid
Explanation	The file number must be followed by a keyword defining the type of the system file to be loaded.
Action	See the Adabas Utilities documentation for further information. Supply the correct parameter value and rerun the job.

ERROR-129	DSST-extent space allocation failed
Explanation	Not enough free Associator space is available to allocate a DSST extent.
Action	Supply a larger Associator extent and rerun the job.

ERROR-130	Invalid value for MAXDS/MAXNI/MAXUI
Explanation	The value for the mentioned parameters must be specified in blocks and must be in the range 1B to 65535B.
Action	Specify the correct parameter value and rerun the job.

ERROR-132	Database not formatted
Explanation	The supplied ASSO contains valid GCBs.
Action	Run ADAFRM before running ADADEF, or specify the OVERWRITE parameter in the ADADEF job.

ERROR-133   **Invalid size specification**

Explanation   The (ASSOSIZE / DATASIZE / WORKSIZE) parameter value specified for (DDASSO / ASSOR1/2, DDDATA / DATARn, or DDWORK / WORKR1) is greater than the space physically available (an actual parameter / job control value is printed with the message text).

Action   Supply the correct parameter value, and rerun the job.

ERROR-134   **No database to be overwritten**

Explanation   The parameter OVERWRITE was specified, but the data sets assigned do not contain a database.

Action   Remove the OVERWRITE parameter, and rerun the ADADEF job.

ERROR-135   **Value of parameter MAXRECL too large**

Explanation   The MAXRECL value is either

■ greater than the default value "def-value"; or

■ less than 7.

Action   Supply the correct MAXRECL parameter value, and rerun the ADADEF job.

ERROR-136   **Invalid value for the parameter RABNSIZE**

Explanation   Either 3 or 4 may be specified for the RABNSIZE parameter.

Action   Correct the value specified for the RABNSIZE parameter and rerun the ADADEF job.

ERROR-137   **Dataset size too large**

Explanation   The DATA/ASSO/WORK data set SIZE parameter value exceeds the maximum "nnnn" blocks.

Action   Correct the value specified for the specified data set SIZE parameter and rerun the ADADEF job.

ERROR-138   **Cannot set UES=NO while file {file-number} loaded**

Explanation   The specified file contains at least one element such as a wide-character formatted field that require the database to be enabled for universal encoding; that is, UES=YES is required.

Action   Reexamine your need to set UES=NO and adjust the file accordingly.

ERROR-139   **Specify UES=NO to disable UES**

Explanation   It is not possible to turn UES off by setting all xxCODE parameters to 0. ADADEF does not differentiate between a parameter set to zero (0) and a parameter not specified.

Action   To disable UES, set the UES parameter equal to NO.

44 ADAFRM Error Messages

ERROR-121	**Missing function**
Explanation	At least one of the following functions must be specified: ASSOFRM, DATAFRM, WORKFRM, CLOGFRM, PLOGFRM, RLOGFRM, TEMPFRM, SORTFRM, DSIMFRM, ASSORESET, DATARESET, WORKRESET, or DSIMRESET.
Action	Supply the correct parameter value and rerun the ADAFRM job.

ERROR-122	**Invalid dataset number**
Explanation	See the Adabas Utilities documentation for a description of data set numbers.
Action	Supply the correct parameter value and rerun the ADAFRM job.

ERROR-123	**Requested dataset cannot be mirrored**
Action	Supply the correct parameter value and rerun the job.

ERROR-124	**Will not reset ASSO control blocks**
Explanation	Resetting Associator blocks with the range 1-30 is rejected.

ERROR-125	**Missing ASSO datasets**
Explanation	Job control statements defining the Associator must be included for both the ADAFRM utility job for the ASSOFRM, DATAFRM, TEMPFRM and WORKFRM functions when the FROMRABN parameter is specified, and when running the ASSORESET, DATARESET, and WORKRESET ADAFRM functions.
Action	Supply the required JCL/JCS job control, and rerun the ADAFRM job.

ERROR-126   **Invalid size value specified**

Explanation   The SIZE value specified with FROMRABN=NEXT is not valid. The range of blocks
                       to be formatted in not contained in the free space table.

Action   Supply a valid SIZE parameter value and rerun the job.

ERROR-127   **Invalid FROMRABN value specified**

Explanation   For the ASSOFRM and DATAFRM functions, valid FROMRABN values include a
                       numeric starting RABN value or FROMRABN=NEXT.

Action   Supply a valid FROMRABN value and rerun the job.

45   ADAICK Error Messages

ERROR-121   **{block-number} block contains invalid packed value**

Explanation   The format indicator in the U3 element is "U" or "P", and the value in the "block-number" block is not a valid packed decimal number.

ERROR-122   **{value1} {value2} values do not agree**

Explanation   Each U3 element contains a value and an MI RABN. The first MI element (in the MI block pointed to by the U3 element) should contain the same value as the U3 element. If not, this message occurs.

   This message also occurs if an MI element contains a value that does not agree with the value in the first NI element (in the NI block pointed to by the MI element).

ERROR-123   **{block-number} block contains incorrect block/value length**

Explanation   The two-byte inclusive length at the beginning of each index block defines the logical end of that block. Each block contains variable length elements. The length of each element depends on the length of the value within the element (for NI blocks, it also depends on the ISN count).

   In processing an index block (left to right), the end of each element is compared to the logical end of the block (as defined by the logical block length). If the end of the element is less than the logical end of the block, what follows is taken as the next element, and processing continues. If the block and element ends are equal, the block is considered to be correct. If the element end is greater than the block end, this message occurs.

ERROR-124	**MI ISN should be zero**
Explanation	Each MI element points to an NI block. If the first ISN in the ISN list for the first NI element in that NI block is the lowest ISN for that value, then the "MI ISN" (in the MI element) should be zero. If the MI element is not zero, this message occurs.

ERROR-125	**MI/NI ISNS do not agree**
Explanation	Each MI element points to an NI block. If the first ISN in the ISN list for the first NI element (in that NI block) is not the lowest ISN for that value, then that NI element should agree with the "MI ISN". If it does not agree, this message occurs.

ERROR-126	**NI/MI/UI values not increasing**
Explanation	In processing the index for one descriptor (in an L9 sequence), the NI block values should be in ascending sequence. This message occurs if either of the following occurs:

- The values within one block are not strictly increasing (equal values are considered an error);
- The first value in an NI, MI, or UI block is less than the last value in the previous block (equal values are allowed).

ERROR-127	**NI block contains zero ISN count**
Explanation	The ISN count in an NI element should not be zero.

ERROR-128	**NI block contains invalid ISN**
Explanation	The ISN list for one value in an NI block must be in strict ascending sequence. If not, this message occurs. This message also occurs if an ISN is not less than the "first unused ISN" specified in the file control block (FCB).

ERROR-129	**{block-number} block contains incorrect level indicator**
Explanation	The third byte in the "block-number" block should contain the following value:

Block Type	Value
U13	0D
U12	0C
U11	0B
U10	0A
U9	09
U8	08
U7	07

Block Type	Value
U6	06
U5	05
U4	04
U3	03
M1	02
N1	01

If the third byte does not contain the correct value, this message occurs.

ERROR-130   **RABN outside ASSO extents**

Explanation   An attempt was made to read a block outside the RABN limits specified by the Associator extents for the general control blocks (GCBs).

ERROR-131   **{block-number} RABN outside extents**

Explanation   A "block-number" RABN is outside the RABN limits defined by the file control block (FCB) UI extents, or an NI RABN is outside the limits defined by the NI extents.

ERROR-132   **[AC2] DS RABN {rabn} outside extents**

Explanation   The Data Storage (DS) RABN given in the message (*rabn*) appears in an address converter (DS RABN) or secondary address converter (AC2 DS RABN) block and is outside the limits defined by the file control block (FCB) DS extents.

ERROR-133   **{AC|AC2} MAX ISN should be {value}**

Explanation   This message occurs if the top ISN value in the file control block (FCB) is incorrect.

The FCB contains the top ISN for each address converter (AC) or secondary address converter (AC2) extent. This is the ISN that corresponds to the last RABN in the last block for that extent. This ISN depends on the top ISN of the previous extent, on the number of blocks in the extent, and on the number of ISNs per block.

ERROR-134   **ISN {isn-number} not LT FCB+44 {value} (1ST unused ISN)**
                or
                AC2 ISN {isn-number} not LT FCB+38 {value} (1ST unused AC2 ISN)

Explanation   Address converter or secondary address converter (AC2) elements which correspond to ISNs greater than or equal to the first unused ISN (specified in the FCB) must all contain 00000000 or FFFFFFFE. Otherwise, this message occurs. The ISN (*isn-number*) and its value (*value*) are given in the message.

ERROR-135	**FCB file number incorrect**
Explanation	The requested file number, plus the RABN specified in file 1 FCB's GCB minus one, is assumed to be the FCB RABN for the requested file. The file number specified in that block does not agree with the requested file number.

ERROR-136	**FCB highest index level not 3 through 15**
Explanation	The highest index level specified in the file control block (FCB) must range 3 through 15, inclusively.

ERROR-137	**FCB highest index RABN outside UI extents**
Explanation	The highest index RABN specified in the file control block (FCB) must be within the upper index extents (also specified in the FCB).

ERROR-138	**First RABN greater than last RABN**
Explanation	The extent just printed is invalid because the first RABN is greater than the last RABN.

ERROR-139	**{block-number} extent overlaps FST extent {value1} through {value2}**
Explanation	The extent specified in the file control block (FCB) overlaps a free extent specified in the free space table (FST).

ERROR-140	**ADAIOR return code {rc reason}**
Explanation	The hexadecimal return code and reason code (`rc` and `reason`) was returned from ADAIOR after ADAICK attempted to either open the Associator or read the specified Associator block.

ERROR-141	**FCB {MAXISN|MAX AC2 ISN} expected should be {allocated-maxisn}**
Explanation	The file's MAXISN setting does not correspond to the MAXISN determined by the MAXISN value (`allocated-maxisn`) based on the allocated address converter (MAXISN) or secondary address converter (MAX AC2 ISN) extents.

ERROR-142	**NR {ix-block-number} blocks processed greater than NR blocks used**
Explanation	In performing the index check, a count is taken of the UI blocks read. The "number of blocks used" is the sum of the number of blocks used in each UI extent, which depends on the first RABN and first unused RABN for each extent. If the number of blocks processed exceeds the number used, at least one "ix-block-number" RABN occurs in more than one of that block type, because each "ix-block-number" RABN processed is checked to be sure it is within the used portion of some extent of the same index block type.

ERROR-143	Field names not in ascending sequence - {field-name}
Explanation	Each U3 element contains the field name for the descriptor. Field names must be in ascending sequence. "field-name" is the name of the field that is out of sequence.

ERROR-144	{block-number} field names do not agree
Explanation	Each upper-level index element contains the field name for the descriptor, and also points to a lower-level block. The field name in the first element in the lower-level block must agree with the field name in the higher-level element.

ERROR-145	RABN is outside used ranges
Explanation	The forward pointer in an element of the empty NI/UI block chain contains an invalid RABN. This forward pointer should contain a RABN of another empty NI/UI block, or should contain a zero to indicate the end of the chain.

ERROR-146	Logical block length should be 0005
Explanation	Every empty NI/UI block chained in the empty block chain must have a logical block size of X'0005'. This includes the length field itself (two bytes) and the logical forward pointer to the next block in the chain (three bytes).

ERROR-147	Empty block chain loops back on itself
Explanation	The forward pointer in an element of the empty NI/UI block chain contains an invalid RABN. This forward pointer should contain either a RABN of another empty NI/UI block, or a zero to indicate the end of the chain. However, there is an invalid forward pointer value causing the chain to return into itself.

ERROR-148	Descriptor {desc-name} not found in FDT
Explanation	A descriptor was found in a U3 block that is not in the field definition table (FDT). Every field in the index must be a descriptor, a sub-/super-/hyper- or phonetic descriptor, or a coupling descriptor if the file is coupled.

ERROR-149	Descriptor {desc-name} found in FDT but not in U3
Explanation	Every descriptor, sub-/super-/hyper- or phonetic descriptor, or coupling descriptor must have at least one entry in a U3 block. If there are no values for this descriptor, an empty element is stored (value length=0, ISN=0, RABN=0).

ERROR-150	{ISN|AC2 ISN} not found in DS block specified by {AC|AC2} element
Explanation	An ISN discrepancy was found between the address converter (AC) or secondary address converter (AC2) and Data Storage. For better analysis of the problem, run the ADAACK utility.

ERROR-151	{ISN|AC2 ISN} {isn-number} is invalid
Explanation	The physical ISN found in a Data Storage record is either zero or is greater than the permitted maximum for the file, based on the ISNs listed in the address converter (ISN) or secondary address converter (AC2 ISN).

ERROR-152	FDT end reached before record end
Explanation	While decompressing a Data Storage record, ADAICK reached the end of the field definition table (FDT) before finding the end-of-record. This indicates that the compressed record has an incorrect structure.

ERROR-153	Record length is incorrect
Explanation	Either the block length of a Data Storage block is wrong, or the length of a record stored within this block is wrong. The sum of all record lengths, plus 4, should equal the logical block size of the Data Storage block.

ERROR-154	Invalid PE count
Explanation	A periodic group count in a compressed Data Storage record is either 0 or greater than the allowed maximum.

ERROR-155	Invalid MU count
Explanation	A multiple-value field count in a compressed Data Storage record is either 0 or greater than the allowed maximum.

ERROR-156	Invalid CX byte
Explanation	The value for an empty field counter is a compressed Data Storage record that contains X'C0'. Any value from X'C1' through X'FF' is permitted.

ERROR-157	Invalid value length
Explanation	The length of a value in a compressed Data Storage record is wrong. A valid length value is either X'01' through X'7F' or X'8001' through X'80FF'.

ERROR-158   **Invalid packed decimal number**

Explanation   A packed value within a compressed Data Storage record contains invalid digits.

ERROR-159   **ISN/RABN not zero for empty descriptor**

Explanation   If a descriptor has no values/ISNs, a value of X'00' is stored in the U3 block to indicate an empty descriptor. The following values for MIRABN and ISN must be zero.

ERROR-160   **Invalid value for rotating ISN in FCB**

Explanation   The value for the rotating ISN must be less than or equal to the highest ISN, plus 1.

ERROR-161   **Duplicate element for empty descriptor**

Explanation   There are at least two U3 entries for an empty descriptor. Each descriptor has at least one entry on the U3 level. There may be several entries for one descriptor when the descriptor spans several MI blocks, because each MI block has an entry on the U3 level. Although there are no MI blocks for an empty descriptor, there must be one (and only one) U3 entry.

ERROR-162   **Wrong pointer to last parent of super/hyperdescriptor**

Explanation   The field descriptor table (FDT) contains an entry pointing to the last parent field of a super- or hyperdescriptor. The pointer contains the wrong value.

WARNING-163   **Unreachable index blocks**

Explanation   An index block exists that is neither used nor in the unused RABN chain.

Action   No immediate action is needed; however, the RABN block cannot be used until either the Associator is reordered or an UNLOAD/LOAD sequence is performed.

ERROR-164   **Error initializing collating user exit - return code={return-code}**

Explanation   An error occurred while the collation descriptor user exit was being initialized.

Action   Investigate the cause of the error; correct it; and rerun the job.

ERROR-165   **Collating user exit not loaded**

Explanation   The collation descriptor user exit requested is not loaded.

Action   Load the exit and rerun the job.

ERROR-166	**Invalid value for number of ISN per {AC|AC2} block in FCB**
Explanation	The value for number of ISNs per address converter (AC) or secondary address converter (AC2) block must be the block size of the corresponding address converter, in bytes, divided by the size of the ISN (either 3 or 4 bytes).
Action	Correct the value provided in the file control block (FCB).

ERROR-167	**First element without FE bit**
Explanation	The upper index blocks contain index entries for one or more descriptors. The first element for a given descriptor contains the *first element bit* or *FE BIT*. A missing FE bit can result in incorrect index positioning or Adabas response codes.
Action	Document the error. Try to fix the error as soon as possible, for example by reinverting the descriptor where the error occurred.

ERROR-168	**FDT and index control byte mismatch, DE = {dd}**
Explanation	An FDT and index control byte mismatch occurred for the description (*dd*) listed in the message. The comparison of the two compares the control byte IXUCTL of the index with the control byte FDTF of the FDT.
Action	When this error occurs, dump and print the FDT using the ADAICK FDTPRINT utility. Then contact your Software AG support representative for assistance.

ERROR-169	**FDT length in FCB does not match with the FDT, FNR={nnnnn}**
Explanation	The length fields found in FDTHLL and YFDTL are not equal. The file number is given in the message.
Action	When this error occurs, dump and print the FCB using the ADAICK FCBPRINT utility for the file listed in the message. Then contact your Software AG support representative for assistance.

ERROR-170	**{RABN-errormsgtext}**
Explanation	This error can have two different messages, as described in the following table:

Message Text	Description
RABN *rabn* not in extent	The RABN named in the message does not exist in the extent description of the GCBs.
RABN *rabn* not in extent, file *file*	The RABN named in the message does not exist in the extent description of the file.

	These messages may occur after an ADAICK DATAPRINT or ADAICK DSCHECK run.
Action	For either error message, run ADAICK GCBPRINT. If you receive the second message (RABN *rabn* NOT IN EXTENT, FILE *file*), also run ADAICK FCBPRINT for the file named in the message.

Then contact and send the output from these runs (as appropriate) to your Software AG support representative for assistance.

ERROR-172	**Invalid segment count for spanned DS record**
Explanation	The number of spanned record segments has exceeded the maximum of 5.
Action	Rebuild the file. Contact your Software AG technical support representative for assistance.

ERROR-173	**Next ISN is zero for master ISN**
Explanation	The header of a primary spanned record lists zeros as the ISN for the next secondary record in the spanned record.
Action	Contact your Software AG technical support representative for assistance.

ERROR-174	**Offset bigger than ASSO block size**
Explanation	During the formatted print of an ASSO block, ADAICK tried to print out data behind the ASSO block.
Action	Check the concerning ASSO block. This error may occur if the number of extents is erroneously too big.

46 ADAINV Error Messages

ERROR-121	**Invalid descriptor field list for invert**
Explanation	The field name "xx" is either

- not found in the FDT; or
- already a descriptor.

Action	Supply the correct parameter value and rerun the job.

ERROR-122	**TEMP dataset too small; input record count = {count}**
Action	Supply a larger TEMP data set/file. See the Adabas Utilities documentation for information about calculating TEMP space.

ERROR-123	**Invalid or missing couple descriptor**
Explanation	One of the supplied descriptor names

- is not supplied;
- is not found in the FDT;
- is not a descriptor;
- is a descriptor contained in a periodic group; or
- has a format/length that is incompatible with the other descriptor.

Action	Supply the correct parameter value and rerun the job.

ERROR-124	Couple index overflow for file {file-number}
Explanation	This file is already coupled to 18 others; this is the maximum.

ERROR-125	Files already coupled
Explanation	Utility function cannot be processed.

ERROR-126	Coupling not possible
Explanation	This error occurred because

- a file cannot be coupled to itself;
- expanded files cannot be coupled;
- multiclient files cannot be coupled; and
- only file numbers less than 255 can be coupled.

The ADAINV function cannot be processed.

ERROR-127	Missing utility function
Explanation	INVERT or COUPLE must be entered, then rerun ADAINV.

ERROR-128	Invalid value for the parameter 'CODE'
Explanation	The value specified for the CODE parameter is either incorrect, or the CODE parameter is not valid in this case.
Action	Either remove the CODE parameter, or specify at most eight digits, or blanks. Rerun the job. Refer to the Adabas Security documentation for more information.

ERROR-129	An attempt was made to create a 16TH index level
Explanation	No more than 15 index levels are possible.
Action	Try this function again with a smaller value for ASSOPFAC.

ERROR-130	Error initializing collating user exit - return code={return-code}
Explanation	An error occurred while the collation descriptor user exit was being initialized.
Action	Investigate the cause of the error; correct it; and rerun the job.

ERROR-131   **Collating user exit not loaded**

Explanation   The collation descriptor user exit requested is not loaded.

Action   Load the exit and rerun the job.

ERROR-132   **Couple index not allocated for file {file}**
The FCB does not have available space for a couple index.

Explanation   ADAINV detected that there is not enough room in the FCB to allocate couple information.

Action   Correct the error and rerun the job.

ERROR-133   **Invalid file requested (file number = {nnn})**

Explanation   The ADAINV INVERT and ADAINV COUPLE functions cannot be performed on a LOB file; it is not allowed.

Action   Supply correct file numbers for the FILES parameter and rerun the job.

ERROR-134   **The database is active but the utility communications block (DIB) is missing the nucleus entry**

Explanation   The ADAINV utility determined the nucleus was active without a DIB entry.

Action   Check the job to ensure the correct ASSO, DATA, and WORK data sets are specified for the given DBID.

47 ADALOD Error Messages

ERROR-121 **Requested restart not possible**

Explanation This error may occur for one of the following reasons:

- There is no job to be restarted.
- A fundamental parameter value has been changed.
- The previous job abended before reaching the first restart point (the file is not in load status).
- The previous job abended in a state from which no restart is possible (the file is in load status).

Action Correct the cause of the error, and rerun the ADALOD job.

ERROR-122 **TEMP dataset too small; input record count= {count}**

Action Supply a larger TEMP data set/file. See the Adabas Utilities documentation for information about calculating TEMP space.

ERROR-123 **Missing utility function**

Action Supply either LOAD or UPDATE as the ADALOD function in the parameter input and rerun the ADALOD job.

ERROR-124 **Multiple utility functions supplied**

Action Supply either LOAD or UPDATE as the ADALOD function in the parameter input and rerun the ADALOD job.

ERROR-125	**Parameter 'ADAMPARM' for non-ADAM-file not permitted**
Action	Either add the parameter ADAMFILE or remove the ADAMPARM parameter and rerun the ADALOD job.

ERROR-126	**Invalid value for the parameter 'ADAMPARM'**
Explanation	The value for this parameter must be in the range 1 to 255.
Action	Supply the correct parameter value and rerun the ADALOD job.

ERROR-128	**Parameter 'ADAMDE' for non-ADAM-file not permitted**
Action	Either supply the parameter ADAMFILE as well, or remove the ADAMDE parameter. Rerun the ADALOD job.

ERROR-129	**Parameter 'ADAMDE' mandatory for ADAM file**
Action	Supply the correct parameter value and rerun the job.

ERROR-130	**Parameter 'ADAMOFLOW' for non-ADAM file not permitted**
Action	Either supply the parameter ADAMFILE as well, or remove the `ADAMOFLOW' parameter. Rerun the ADALOD job.

ERROR-131	**Invalid value for the parameter 'UQDE': {field-name} is not a valid descriptor name**
Explanation	The field to be defined as a unique descriptor is invalid. Either it is a simple field and not a descriptor, or the field name is unknown, or it is a descriptor in a periodic group. Probable cause is a misspelling of the descriptor name.
Action	Supply the correct UQDE parameter value and rerun the ADALOD job.

ERROR-132	**Invalid 'ADAMDE' field: {field-name} ; conflicting field attributes or unknown descriptor name**
Explanation	An ADAM descriptor must meet all the following:

- Be a single field (no MU option)
- Be a unique descriptor
- Not be contained in a periodic group
- Not have the NU option
- Have a default length (cannot be variable)

Action	Supply the correct parameter value and rerun the ADALOD job.

ERROR-133   **Invalid value for the parameter 'ADAMOFLOW'**

Explanation   The value must be smaller than DSSIZE.

Action   Supply the correct parameter value and rerun the job.

ERROR-134   **Incorrect FDT found in input dataset**

Explanation   One of the following is the case:

■ The field definition table (FDT) expected in the first record is missing, or

■ The FDT structure read from the input data set does not satisfy the rules.

Action   Check whether the input data set is valid. Supply a correct input data set and rerun the job.

ERROR-135   **FDT structure mismatch**

Explanation   The field definition table (FDT) from the input data set and the FDT from file "file-number" are not the same (the displayed message text contains an actual file number).

One of the following has happened:

■ The file is to be updated and the FDT from the input data set does not match the FDT from the file; or

■ The file has been deleted with "KEEPFDT" and the FDT from the input data set does not match that old FDT; or

■ The FDT from the input data set does not match the FDT from the anchor of the expanded file.

Action   Check your input data set and your FILE and ANCHOR parameters. If the ADALOD LOAD function was being run, consider using the IGNFDT parameter (refer to the Adabas Utilities documentation for more information).

ERROR-136   **FDT larger than 4 ASSO blocks**

Explanation   System restriction: the FDT is too large for the device type in use. A load is not possible.

ERROR-137   **The input dataset/file DDEBAND or DDISN does not have the record format variable or variable blocked (V or VB)**

Action   Supply a correct input and rerun the ADALOD job.

ERROR-138	**invalid USERISN {isn-number} found input record count = {count}**
Explanation	The USERISN "isn-number"

- is greater than MAXISN or less than MINISN; or

- does not belong to any ISN range of the expanded file.

The displayed message text contains actual ISN and count values.

ERROR-139	**ISNPOOL overflow ('LIP' parameter value too small) {count} records already read from DDISN**
Explanation	Each single ISN requires four bytes, each ISN range requires eight bytes of storage.
Action	Increase the size of the ISN pool (LIP). Supply the correct parameter value and rerun the ADALOD job.

ERROR-140	**Invalid value for MAXDS/MAXNI/MAXUI**
Explanation	ADALOD requires these values in units of blocks. The value must be in the range 1B to 65535B.
Action	Supply the correct parameter value and rerun the ADALOD job.

ERROR-142	**Duplicate USERISN {isn-number} found**
Explanation	One of the following occurred:

- The supplied USERISN was already present in the file being processed; or

- The ISN appeared twice in the input data set.

The record cannot be added.

ERROR-143	**{file-type} file already present**
Explanation	The requested system file is already present. The file cannot be loaded.
Action	Check the current system file assignments on the ADAREP report.

ERROR-144	**Already 10 Adabas system files defined**
Explanation	A maximum of ten Adabas system files (files loaded with the SYSFILE file type) are already present. The file cannot be loaded.
Action	Check current system file assignments on the ADAREP report.

ERROR-145   **Invalid FDT format**

Explanation   The structure of the input FDT is incorrect.

Action   Ensure that your input data set was created using the ADACMP or ADAULD utility.

ERROR-146   **Invalid list of DELISNS**

Explanation   The DELISN parameter list is wrong, or the input from the DDISN file contains incorrect data.

Action   Check for

- descending or overlapping ISN ranges

- the same ISN specified more than once

- invalid record length (not a multiple of 4 or 8)

The accessed ISN was "isn-number" (the displayed message contains an actual ISN value). Check your input and rerun the ADALOD job.

ERROR-147   **Invalid ISN range**

Explanation   The ISN range defined by MINISN and MAXISN is invalid. The range conflicts with another ISN range of the expanded file.

Action   Correct the parameter values and then rerun the ADALOD job.

ERROR-148   **File {file-number} is not/cannot be anchor of an expanded file**

Explanation   The specified file is

- part of an existing expanded file, but not the anchor file; or

- a coupled or multiclient file and therefore cannot be an anchor file.

ERROR-149   **Compressed record too long**

Explanation   Input record count = "count-a" Length of record = "count-b" bytes Maximum record length = "count-c" bytes

The record is longer than allowed by the MAXRECL parameter or by the characteristics of the data storage device.

ERROR-150	**Invalid ISN to be deleted (was) found**
Explanation	At least one ISN of the "range"

- is greater than MAXISN or less than MINISN; or
- does not belong to any ISN range within the expanded file.

ERROR-151	**Increasing MAXISN not allowed**
Explanation	The file has been loaded with the NOACEXTENSION parameter. It is therefore not possible to increase MAXISN.
Action	Remove the MAXISN parameter, and then rerun the ADALOD job.

ERROR-152	**Conflicting USERISN options**
Explanation	There are two possible situations:

1. The existing file is defined with the USERISN option, but the records from the input file are not defined with the USERISN option.
2. The USERISN options for the file to be loaded and those from the anchor of the expanded file do not match.

Action	Respectively:

1. Consider using the USERISN option for the records from the input file, correct the file, and rerun the ADALOD job.
2. Check your input file and the USERISN parameter, correct any error, and then rerun the ADALOD job.

ERROR-153	**Invalid ISN for hyperdescriptor {desc-name}**
Explanation	The ISN returned from the hyperexit

- is less than MINISN or greater than MAXISN; or
- belongs to another part of the expanded file.

Original ISN: (isn-number) Modified ISN: (isn-number) Record count: (count)

ERROR-155	**Adabas nucleus required**
Explanation	The Adabas nucleus must be active when

- a file is being loaded that has file selection criteria (expanded file component); or
- records are being loaded with a new owner ID.

Action	Start the nucleus, then rerun the ADALOD job.

ERROR-156	**Conflicting owner-ID length**
Explanation	One of the following caused the message to occur:

■ The LOWNERID parameter value is not in the range 0-8; or

■ The ETID owner ID is longer than LOWNERID (or longer than the owner ID length of the file to be updated).

Action	Supply the correct LOWNERID value, then rerun the ADALOD job.

ERROR-157	**Conflicting usage of 'LOWNERID' and 'ETID'**
Explanation	The input file is being loaded/added

■ with owner IDs, but the owner IDs are not present and the ETID parameter is missing; or

■ without owner IDs, but the ETID parameter is specified.

Action	Supply the correct parameter value for one or both of the parameters, then rerun the ADALOD job.

ERROR-158	**Invalid owner-ID in input record**
Explanation	The owner ID is too long to fit into the record of the file being loaded or added.

Input record count = (count)

Action	Specify an appropriate owner ID, then rerun the ADALOD job.

ERROR-159	**Undefined ETID**
Explanation	One of the following is the case:

■ The user ID referred to by the ETID parameter is not defined; or

■ The user has not been assigned an owner ID.

Action	Specify an parameter value, then rerun the ADALOD job.

ERROR-160	**Descriptor value too long**
Explanation	A descriptor value together with the owner ID is longer than 253 bytes.

Input record count = (count) Descriptor name = (desc-name)

Action	Specify an appropriate combination of owner ID and descriptor value, then rerun the ADALOD job.

ERROR-161	Conflicting {parameter} parameter
Explanation	The "parameter" parameter is invalid as given or implied. It must be the same as for the anchor of the expanded file.
Action	Specify the correct parameter value, then rerun the ADALOD job.

ERROR-162	Hyperdescriptor ISN changed in non-USERISN file
Explanation	The ISN assigned to a descriptor value was modified by a hyperexit but the file is not a USERISN file. Changing hyperdescriptor ISNs is only permitted in USERISN files.
Action	Correct the USERISN setting of the file.

ERROR-163	Invalid value for parameter 'ALLOCATION'
Explanation	Valid values are ALLOCATION={FORCE | NOFORCE}.
Action	Supply the correct parameter value and rerun the job.

ERROR-164	TEMP block size too small
Explanation	An attempt to store data in a temp block failed because the temp block size is not large enough to hold the amount of data to be stored.
Action	Choose a temp device type with block size equal to or greater than the Associator block size plus 16. Then rerun the job.

ERROR-165	Conflicting file encodings
Explanation	The file encodings on the input tape do not match the existing file. They must be the same as the existing file.
Action	Adjust the file encodings and rerun the job.

ERROR-166	Wide fields exist, but the dataase is not UES-enabled
Explanation	A file with wide-character (W) format fields cannot be loaded until the database is UES enabled.
Action	Enable the database for universal encoding and rerun the job.

ERROR-167	Error initializing collating user exit - return code={return-code}
Explanation	An error occurred while the collation descriptor user exit was being initialized.
Action	Investigate the cause of the error; correct it; and rerun the job.

ERROR-168   **Collating user exit not loaded**

Explanation   The collation descriptor user exit requested is not loaded.

Action   Load the exit and rerun the job.

ERROR-169   **Conflicting '{RPLKEY|RPLDSBI}' parameter.**

Explanation   The RPLKEY or RPLDSBI parameter (as specified in the message) is invalid as given or implied. It is only valid when RPLTARGETID is specified.

Action   Supply the correct parameter value and rerun the job.

ERROR-170   **Invalid 'RPLKEY'-Field: 'field-name'**

Explanation   The field to be defined as a replication key is invalid. Either the field name is undefined, or it is not a descriptor.

Action   Supply the correct parameter value and rerun the job.

ERROR-171   **RPLTARGETID is specified but the database is not enabled for replication.**

Explanation   RPLTARGETID is not valid unless replication is active.

Action   Investigate the cause of the error. Correct it and rerun the job.

ERROR-172   **RPLTARGETID = DBID or greater than 65535 is not allowed.**

Explanation   Loading a file with RPLTARGETID = DBID is not allowed. The valid range for RPLTARGETID is 1 through 65535.

Action   Supply the correct parameter value and rerun the job.

ERROR-173   **RPLTARGETID is not allowed for ciphered files.**

Explanation   Ciphered files may not be replicated.

Action   Investigate the cause of the error. Correct it and rerun the job.

ERROR-174   **A {REPLICATOR | SLOG} file may only be loaded on an Event Replicator database.**

Explanation   The Replicator or SLOG system file may only be loaded on a database that has been defined as an Event Replicator database.

Action   Investigate the cause of the error.

ERROR-175	**Error loading module ADARPU: {reason}**
Explanation	ADALOD was unable to load module ADARPU for the reason listed in the message.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-176	**Load of a new file with RPLLOAD=YES requires a non-zero RPLTARGETID**
Explanation	When loading a new file when replication has been activated using the `RPLLOAD=YES` parameter, a target Event Replicator Server must be specified by the `RPLTARGETID` parameter.
Action	Supply the correct parameter value and rerun the job.

ERROR-177	**ADALOD terminated due to the above replication related errors**
Explanation	A replication error caused ADALOD to terminate. An earlier error message explains the detailed cause of the error.
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-178	**Update with RPLLOAD=YES may only be executed with a replicated file**
Explanation	When updating a file with replication activated by specifying the `RPLLOAD=YES` parameter, the file must already be defined as replicated.
Action	Correct the error and rerun the job.

ERROR-179	**an Event Replicator database may only contain the files CHECKPOINT, SECURITY, REPLICATOR, and SLOG**
Explanation	A database defined as an Event Replicator Server (created with ADADEF DEFINE REPTOR=YES) must not contain user files or system files not related to replication.
Action	Do not attempt to load files other than CHECKPOINT, SECURITY, REPLICATOR, or SLOG files.

ERROR-180	**MU/PE index size mismatch during update.** **File index size = {n} byte(s).** **DDEBAND index size = {n} byte(s).**
Explanation	The size of the MU/PE indices in the target Adabas file do not match the size of the indices in the input data. ADALOD processing has stopped. As of Adabas 8, an MU/PE index can be either one or two bytes. When doing an update to an existing file with compressed input from either an ADACMP or ADAULD run, it is possible that the size of the MU/PE indices in the existing Adabas file will not match the size of the indices in the ADCMP or ADAULD input. To determine what size indices are used in a file, run an ADAREP report.
Action	Correct the settings for the compressed MU/PE sizes, if appropriate, using the ADACMP MUPEX and MUPECOUNT parameters and retry. If errors persist, contact your Software AG support representative.

ERROR-182   **RPLTARGETID is not allowed for files with spanned data storage records**

Explanation   An attempt was made to specify the ADALOD RPLTARGETID parameter for a file that contains spanned records. Replication is not allowed for files containing spanned records.

Action   Review and correct the parameters specified in the ADALOD run and ensure that you are not trying to replicate a file containing spanned records. Then try running the job again.

ERROR-183   **Base file {base-fnr} does not fit to LOB file {lob-fnr}**

Explanation   When asked to load a LOB file, ADALOD found that the file specified in the BASEFILE parameter is not suitable for use as the base file for this LOB file, for one of the following reasons:

- The supposed base file does not contain large object (LB) fields.

- The file's LOB information does not refer to the specified LOB file.

- The file's UES encoding information is different from that of the LOB file.

Action   Specify correct FILE and BASEFILE parameters and try again.

ERROR-184   **LOB file {lob-fnr} does not fit to the base file {base-fnr}**

Explanation   When asked to load a base file, ADALOD found that the file specified in the LOBFILE parameter is not suitable for use as a LOB file for this base file, for one of the following reasons:

- The supposed LOB file is not a LOB file.

- The file's LOB information does not refer to the specified base file.

- The file's UES encoding information is different from that of the base file.

Action   Specify correct FILE and LOBFILE parameters and try again.

ERROR-185   **Parameter {parm-name} not allowed for LOB file**

Explanation   The parameter specified in the message (*parm-name*) cannot be used for a LOB file.

Action   Load the LOB file without this parameter.

ERROR-186   **DDISN/DELISN delete of an ISN with a LOB reference is not allowed.**
                     ISN = {nnnnnn}

Explanation   When performing ADALOD UPDATE operations on a large object (LOB) base file, you are not allowed to delete ISNs that contain references to LOB values that are outsourced in the associated LOB file. This is true whether deleting ISNs using the DELISN keyword or a DDISN data set to specify the ISNs to be deleted.

                     The file is now in an inaccessible state.

Action	Restore the file from backup or reload it and remove the DDISN/DELISN deletion of the ISN(s) containing LOB references. Then resubmit the ADALOD UPDATE job.

ERROR-187   **ANCHOR parameter not allowed for a file with LOB fields**

Explanation	A file with large object (LB) fields cannot be an expanded file.
Action	Load the file as a simple (non-expanded) file. Consider using the ISNSIZE=4 parameter setting.

ERROR-189   **The database is active but the utility communications block (DIB) is missing the nucleus entry**

Explanation	The ADALOD utility determined the nucleus was active without a DIB entry.
Action	Check the job to ensure the correct ASSO, DATA, and WORK data sets are specified for the given DBID.

ERROR-901   **Unexpected Event Replicator Server response {rc}, subcode {sc} , location {loc}**

Explanation	An ADALOD communication to the Event Replicator Server has failed with the response and subcodes listed in the message and at the location listed in the message.
Action	Verify and correct (if necessary) the ADALOD parameters and JCL. Refer to the Adabas response code descriptions for information about the response code and subcode. If necessary, contact your Software AG support representative for further assistance.

ERROR-902   **Duplicate ADALOD jobs for the same FNR are not allowed**

Explanation	There cannot be multiple ADALOD jobs concurrently executing with the same file number replicated.
Action	Verify and correct (if necessary) the ADALOD job parameters for correct information concerning replication. If problems persist, contact your Software AG support representative for assistance.

ERROR-903   **RPLCLEANUP was issued for this ADALOD token**

Explanation	An RPLCLEANUP was issued for the Event Replicator Server. This removed the ADALOD token and communication to the Event Replicator Server is no longer possible for this job.
Action	Determine why the operator RPLCLEANUP command was issued. Prepare for file recovery as necessary before rerunning ADALOD.

ERROR-904 **Event Replicator Server {id} replication pool overflow**

Explanation The replication pool for the Event Replicator Server listed in the message has an overflow condition, which is a critical error.

Action Refer to the Event Replicator Server job's system log for error messages, which may provide possible actions to take to resolve the problem.

ERROR-905 **Database {dbid} not defined to Event Replicator Server {id}**

Explanation The Adabas database with the database ID (*dbid*) listed in the message is not defined to the Event Replicator Server (*id*) listed in the message.

Action Verify and correct the JCL or input parameters for the ADALOD run. If they are correct, modify the Replicator system file definitions. Then try the ADALOD run again.

ERROR-906 **Event Replicator Server {id}, no active subscription or destination for file {number}.**

Explanation No active destination or subscription could be found for the file listed in the message (*number*) on the Event Replicator Server (*id*) named in the message.

Action First verify and correct (as necessary) the file number or Event Replicator Server target ID for the ADALOD run. If they are correct, modify the Replicator system file subscription and destination definitions. Then try the ADALOD run again.

ERROR-908 **The versions of ADALOD and ADARPU are incompatible**

Explanation ADALOD and ADARPU are internally not the correct versions.

Action Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADALOD. If problems persist, contact your Software AG service representative for assistance.

Verify and correct (if necessary) the JCL allocation of libraries or input parameters to ADALOD. If problems persist, contact your Software AG service representative for assistance.

ERROR-909 **Internal error in ADARPU+{offset}**
Register contents at time of error:
R0-R3 {#### #### #### ####}
R4-R7 {#### #### #### ####}
R8-R11 {#### #### #### ####}
R12-R15 {#### #### #### ####}
Inform your DBA

Explanation ADARPU has failed with an internal error at the offset given in the message.

Action Contact your Software AG support representative and provide details of the failure.

ERROR-910   **ADARPU cannot load program ADAMGT**

Explanation   ADARPU could not load program ADAMGT.

Action   Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADALOD. If problems persist, contact your Software AG service representative for assistance.

ERROR-911   **ADAMSG is incompatible with ADARPU**

Explanation   ADARPU has detected an invalid version of ADAMSG.

Action   Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADALOD. If problems persist, contact your Software AG service representative for assistance.

ERROR-912   **The source database Adabas version is not compatible with the Reptor Adabas version**

Explanation   The version of Adabas or the Event Replicator used by the Adabas database is not the same as the version of Adabas or Event Replicator used by the Event Replicator database.

Action   Resolve the discrepancy in Adabas or Event Replicator versions before you try again.

48 ADAMER Error Messages

ERROR-122	**Incorrect FDT found in input datatset**
Explanation	The structure of the FDT read from the input data set does not satisfy the rules.
Action	Check whether the input data set is valid. Supply a correct input data set and rerun the job.

ERROR-124	**Invalid value for the parameter ADAMDE**
Explanation	The name of the ADAM descriptor was not found in the FDT.
Action	Supply ADAMDE=ISN or ADAMDE=xx, where "xx" is any valid descriptor name. Then rerun the job.

ERROR-125	**Invalid ADAMDE field: {xx}**
Explanation	Conflicting field attributes or unknown descriptor name. An ADAM descriptor must

- be a single field (no MU option);
- be a unique descriptor;
- not be contained in a periodic group;
- not have the NU option;
- have a default length (cannot be variable).

Action	Supply the correct parameter value and rerun the job.

ERROR-126	Invalid value for the parameter BITPARM
Explanation	See the Adabas Utilities documentation for further information.
Action	Supply the correct parameter value and rerun the job.

ERROR-127	Data Storage size too small
Explanation	The amount of Data Storage to store the records is greater than the data size parameter.
Action	Supply the correct parameter value and rerun the job.

ERROR-130	Input dataset has spanned records. ADAM files may not be spanned.
Explanation	The input data set has spanned record support active. The spanned record option is not allowed for ADAM files.
Action	Check whether the input data set is valid. Supply a correct input data set and rerun the job.

ERROR-131	Input dataset is a LOB file. ADAMER is not allowed for LOB files.
Explanation	The input data set is a large object (LOB) file. LOB files may not be input to ADAMER.
Action	Check whether the input data set is valid. Supply a correct input data set and rerun the job.

49 ADAMTR Error Messages

ERROR-121	**Parameter MTYPE must be set to ETBROKER or MQSERIES**
Explanation	An invalid value was specified for the MTYPE parameter of the ADAMTR utility.
Action	Check the parameter input, correct the error, and rerun the job.

ERROR-122	**Parameter ETBROKERID must be specified when MTYPE=ETBROKER** **Parameter ETBSERVICE must be specified when MTYPE=ETBROKER** **Parameter ETBSERVICENAME must be specified when TYPE=ETBROKER** **Parameter ETBSERVICECLASS must be specified when MTYPE=ETBROKER** **Parameter MQQNAME must be specified when MTYPE=MQSERIES** **Parameter MQQMGRNAME must be specified when MTYPE=MQSERIES**
Explanation	The listed, required parameters are missing for the selected MTYPE.
Action	Check the parameter input, correct the error, and rerun the job.

ERROR-123	**ETBROKER parameters may not be specified when MTYPE=MQSERIES** **MQSeries parameters may not be specified when MTYPE=ETBROKER**
Explanation	Improper parameters have been specified for the selected MTYPE.
Action	Check the parameter input, correct the error, and rerun the job.

ERROR-124	**Load failed for {ADAETB|ADAMQS}**
Explanation	The module listed could not be loaded by the job.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-125	**INIT call failed. Return code {rcrc}, Reason code {reason}**
Explanation	The INIT call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-126	**CONNECT call failed** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{messaging-system-reason-code}"**
Explanation	The CONNECT call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-127	**OPEN call failed.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{messaging-system-reason-code}"**
Explanation	The OPEN call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-128	**RECEIVE call failed.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{messaging-system-reason-code}"**
Explanation	The RECEIVE call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-129	**BACKOUT call failed.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{messaging-system-reason-code}"**
Explanation	The BACKOUT call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-130	**COMMIT call failed.** **"{Return-code}" "{reason-code}" "{messaging-system-return-code}"** **"{messaging-system-reason-code}"**
Explanation	The COMMIT call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-131 **CLOSE call failed.**
"{Return-code}" "{reason-code}" "{messaging-system-return-code}"
"{messaging-system-reason-code}"

Explanation The CLOSE call failed for the selected MTYPE.

Action Check the job output or JCL, correct the error, and rerun the job.

ERROR-132 **DISCONNECT call failed.**
"{Return-code}" "{reason-code}" "{messaging-system-return-code}"
"{messaging-system-reason-code}"

Explanation The DISCONNECT call failed for the selected MTYPE.

Action Check the job output or JCL, correct the error, and rerun the job.

ERROR-133 **TERM call failed. Return code {xxxxxxxx} Reason code {xxxxxxxx}**

Explanation The TERM call failed for the selected MTYPE.

Action Check the job output or JCL, correct the error, and rerun the job.

ERROR-134 **Parameter PRINT must be set to YES or NO**

Explanation An invalid value was specified for the PRINT parameter of the ADAMTR utility.

Action Check the parameter input, correct the error, and rerun the job.

50 ADAMTS Error Messages

ERROR-121	**Parameter MTYPE must be set to ETBROKER or MQSERIES**
Explanation	An invalid value was specified for the MTYPE parameter of the ADAMTS utility.
Action	Check the parameter input, correct the error, and rerun the job.

ERROR-122	**Parameter ETBROKERID must be specified when MTYPE=ETBROKER** **Parameter ETBSERVICE must be specified when MTYPE=ETBROKER** **Parameter ETBSERVICENAME must be specified when TYPE=ETBROKER** **Parameter ETBSERVICECLASS must be specified when MTYPE=ETBROKER** **Parameter MQQNAME must be specified when MTYPE=MQSERIES** **Parameter MQQMGRNAME must be specified when MTYPE=MQSERIES**
Explanation	The listed, required parameters are missing for the selected MTYPE.
Action	Check the parameter input, correct the error, and rerun the job.

ERROR-123	**ETBROKER parameters may not be specified when MTYPE=MQSERIES** **MQSeries parameters may not be specified when MTYPE=ETBROKER**
Explanation	Improper parameters have been specified for the selected MTYPE.
Action	Check the parameter input, correct the error, and rerun the job.

ERROR-124	**Open failed for file MTSIN**
Explanation	The file allocated by the MTSIN DD statement could not be opened.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-125	**Load failed for {ADAETB│ADAMQS}**
Explanation	The module listed could not be loaded by the job.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-126	**INIT call failed. Return code {rcrc}, Reason code {reason}**
Explanation	The INIT call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-127	**CONNECT call failed "{Return-code}" "{reason-code}" "{messaging-system-return-code}" "{messaging-system-reason-code}"**
Explanation	The CONNECT call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-128	**OPEN call failed. "{Return-code}" "{reason-code}" "{messaging-system-return-code}" "{messaging-system-reason-code}"**
Explanation	The OPEN call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-129	**SEND call failed. "{Return-code}" "{reason-code}" "{messaging-system-return-code}" "{messaging-system-reason-code}"**
Explanation	The SEND call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-130	**CLOSE call failed. "{Return-code}" "{reason-code}" "{messaging-system-return-code}" "{messaging-system-reason-code}"**
Explanation	The CLOSE call failed for the selected MTYPE.
Action	Check the job output or JCL, correct the error, and rerun the job.

ERROR-131   **DISCONNECT call failed.**
                     "{Return-code}" "{reason-code}" "{messaging-system-return-code}"
                     "{messaging-system-reason-code}"

Explanation   The DISCONNECT call failed for the selected MTYPE.

Action   Check the job output or JCL, correct the error, and rerun the job.

ERROR-132   **TERM call failed. Return code {xxxxxxxx} Reason code {xxxxxxxx}**

Explanation   The TERM call failed for the selected MTYPE.

Action   Check the job output or JCL, correct the error, and rerun the job.

ERROR-133   **Read of MTSIN failed**

Explanation   A problem occurred while attempting to read MTSIN. The cause is probably a JCL
                     error.

Action   Check the job output or JCL, correct the error, and rerun the job.

51 ADAORD Error Messages

ERROR-121	**DDFILEA block size too small**
Explanation	The DDFILEA block size ("count-a" bytes) is too small to write a "record-type" record with a length of "count-b" bytes (file "file-number"). Actual values are provided in the message text.
Action	Assign DDFILEA to a device type with a greater sequential block size.
ERROR-122	**DDFILEA structure mismatch**
Explanation	DDFILEA has an invalid structure (probably a job control statement error).
Action	Correct any error and rerun the ADAORD job.
ERROR-123	**No utility function given**
Action	Supply one of the following keywords and rerun the job: REORDB, REORASSO, REORDATA, REORFILE, REORFASSO, REORFDATA, RESTRUCTUREF, RESTRUCTUREDB, STORE. See the Adabas Utilities documentation for further information.
ERROR-124	**At least one file required**
Explanation	An empty file list is not permitted for the functions REORFILE, REORFASSO, REORFDATA and RESTRUCTUREF and STORE.
Action	Supply the correct parameter value, and rerun the ADAORD job.

ERROR-125	The value for the MAXFILES parameter is less than the highest loaded file number (MAXFILES={count}, highest loaded file number={file-number})
Action	Increase the MAXFILES value and rerun the job.

ERROR-126	DATASTORAGE record too long. The record with ISN {isn-number} in file {file-number} has a length of {count} bytes. The maximum permitted record length is {maxcount} bytes.
Explanation	The record with ISN *isn-number* in file *file-number* has a length of *count* bytes. The maximum permitted record length is *maxcount* bytes (actual values are given in the message text). This file cannot be processed by ADAORD.

ERROR-127	Input dataset does not contain data for file {file-number}
Explanation	Either a wrong input (DDFILEA) is supplied, or a wrong file is requested.
Action	Supply the correct parameter value and rerun the ADAORD job.

ERROR-128	I/O count mismatch
Explanation	The number of records read from DDFILEA is different from the number of records written to DDFILEA.
	DDFILEA : count-a WRITES DDFILEA : count-b READS
	Not all files included in processing are currently accessible.
Action	Check the job control to see whether there is a multivolume problem. Restore the save tape and rerun the ADAORD job.

ERROR-129	Invalid value for the 'SORTSEQ' parameter for file {file-number}
Explanation	Allowed values are:
	■ SORTSEQ=ISN, to process in ISN sequence
	■ SORTSEQ=DE, where DE is any descriptor whose parent is neither an MU field nor contained in a periodic group, is not a hyperdescriptor or phonetic descriptor, and is not defined with the null suppression (NU) option.
Action	Supply the correct parameter value and rerun the ADAORD job.

ERROR-130   **Invalid value for the parameter 'NEWDBID'**

Explanation   The value for the database ID must be in the range 1 to 65,535.

Action   Supply the correct NEWDBID parameter value and rerun the ADAORD job.

ERROR-131   **The descriptor {xx} for file {file-number} has the 'NU' option**

Explanation   NU option descriptors must not be used to control the sort sequence of reordering; this may cause a physically inconsistent database.

Action   Select another descriptor for the sort sequence. Then rerun ADAORD. See the Adabas Utilities documentation for more information.

ERROR-132   **DSST-space allocation failed**

Explanation   Not enough space is left in the Associator to allocate the DSST.

Action   Reduce the value for the MAXFILES parameter and rerun the ADAORD job.

ERROR-133   **The MAXISN value specified for file {file-number} is less than the current TOPISN**

Explanation   The MAXISN parameter setting must be greater than the TOPISN value listed in the ADAREP report. TOPISN is the highest current ISN allocated for records in the specified file (the file number is given in the message text), and cannot be defined.

Action   Specify the correct MAXISN value and rerun the ADAORD job.

ERROR-134   **FST (Free Space Table) not available**

Explanation   The free space table is locked by the nucleus or by another utility.

Action   Try rerunning the ADAORD job later.

ERROR-135   **MAXISN parameter conflicts with NOACEXTENSION**

Explanation   For file "file-number", the NOACEXTENSION option is in effect, but the MAXISN value supplied (new-value) is greater than the old MAXISN (old-value). (Actual file and MAXISN values are given in the message text.)

Action   Supply the correct MAXISN value and rerun the ADAORD job.

ERROR-137   **Alternate RABNs cannot be allocated**

Explanation   An attempt was made to allocate "count" ASSO/DATA alternate RABNs starting from RABN "start-rabn".

Action   Investigate and correct the cause of the error, and rerun the job.

ERROR-138	**Inconsistent file list**
Explanation	File "file-number" is either a coupled file or part of an expanded file, but not all related files have been included in the file list.
Action	Supply the correct file list, and rerun the ADAORD job.

ERROR-139	**Overwrite system file not possible**
Explanation	An attempt was made to overwrite the checkpoint or security file with a file having another file number.
Action	Correct the file number to the original and rerun the ADAORD job.

ERROR-141	**Invalid ISN detected**
Explanation	The invalid ISN (isn-number) was detected in file (file-number). The ISN is either

■ equal to zero; or

■ greater than MAXISN (max-isn-val).

Action	Repair the file and reexecute ADAORD.

ERROR-142	**Duplicate ISN detected**
Explanation	ISN (isn-number) is contained twice in file (file-number).
Action	Correct the file and reexecute ADAORD.

ERROR-143	**DLOG area allocation failed**
Explanation	The allocation of the DSF logging area failed. An attempt was made to allocate (count) blocks starting at Associator RABN (rabn-number).
Action	Correct the RABN assignment and reexecute ADAORD.

ERROR-144	**Error on DDFILEA**
Explanation	After reopening DDFILEA for input, the first record read did not have record number 1. Not all the files included in the processing are currently accessible.
Action	Check the JCL to determine whether there is a multivolume problem. Restore your save tape and rerun the ADAORD job.

ERROR-145   **Storing {CHECKPOINT | SECURITY} file not allowed**

Explanation   A version 5.2 or below checkpoint file cannot be converted by ADAORD STORE to version 5.3 or above. A version 5.3 or below security file cannot be converted by ADAORD STORE to version 6.1 or above.

Action   Remove the checkpoint or security file from the file list and rerun ADAORD.

ERROR-146   **Descriptor not found**

Explanation   The nucleus returned response 57: the descriptor "xx" for file "file-number" could not be found. ADAORD cannot unload the index for this file.

Action   Run ADAICK ICHECK for this file; remove the error and rerun ADAORD.

ERROR-147   **Duplicate file number detected**

Explanation   The file "file-number" was specified twice (the actual file value is provided in the message text).

Action   Correct the error and rerun the job.

ERROR-148   **Partial overwrite of coupled/expanded files**

Explanation   The file "file-number-a" is coupled with or, in an expanded file, linked to the file "file-number-b", which is not part of the STORE operation (the actual file values are provided in the message text). This STORE operation cannot be serviced because it would result in a logical data inconsistency.

Action   Check the STORE function parameter input; correct the error and then rerun the STORE job.

ERROR-149   **Invalid value for parameter 'ALLOCATION'**

Explanation   Valid values are ALLOCATION=FORCE | NOFORCE.

Action   Supply the correct parameter value and rerun the job.

ERROR-150   **Invalid EXCLUDE parameter**

Explanation   The file number given in the message either has not been specified at all for REORDER/STORE, or has been specified twice in the EXCLUDE parameter.

Action   Correct the error and rerun the job.

ERROR-151	**File {file-number} is a physically coupled file** **The ISNSIZE cannot be modified**
Explanation	A coupled index contains the ISNs of the file it is coupled to. These ISNs have the byte-size specified by the other file's ISNSIZE. Even if the other file is also modified by ADAORD, the ISNSIZE cannot be modified using the coupled index.
Action	Remove the ISNSIZE parameter or modify the file-list.

ERROR-152	**Overwrite system file not possible**
Explanation	The Replicator or SLOG system file may not be overwritten by a non-system file with the same file number.
Action	Correct the file number to the original and rerun the ADAORD job.

ERROR-153	**Storing Replicator/SLOG file not allowed**
Explanation	The file on the input tape is not a valid Replicator or SLOG system file.
Action	Remove the Replicator or SLOG system file from the file list and rerun ADAORD.

ERROR-154	**A Reptor database may only contain the files CHECKPOINT, SECURITY,** **REPLICATOR, and SLOG**
Explanation	A database defined as an Event Replicator Server (created with REPTOR=YES) must not contain user files or system files not related to replication.
Action	Do not attempt to store files other than CHECKPOINT, SECURITY, REPLICATOR, or SLOG on Event Replicator Server databases.

ERROR-155	**The MAXISN2 value specified for file {file-number} is less than the current TOP** **AC2 ISN**
Explanation	The MAXISN2 parameter setting must be greater than the TOP AC2 ISN value listed in the ADAREP report. TOP AC2 ISN is the highest current secondary ISN allocated for secondary spanned records in the specified file (the file number is given in the message text), and cannot be defined.
Action	Specify the correct MAXISN2 value and rerun the ADAORD job.

ERROR-156	**Invalid value for the parameter MAXISN2**
Explanation	The MAXISN2 parameter values must satisfy the following expressions:
	■ If the ISNSIZE is 3, the value of MAXISN2 must be greater than zero, but less than or equal to 16,777,215 ($0 < MAXISN2 <= 16,777,215$).
	■ If the ISNSIZE is 4, the value of MAXISN2 must be greater than zero and less than or equal to 4,294,967,294 ($0 < MAXISN2 <= 4,294,967,294$).
Action	Supply the correct MAXISN2 parameter value and rerun the job.

ERROR-157	**Maximum number of user system files defined** **File {file-number} was originally loaded with the SYSFILE option, but the maximum** **number of user system files already exists.**
Explanation	The limit of ten user system files has already been reached.
Action	Unload, delete, and reload one of the user system files without the SYSFILE option. Then rerun this utility.

ERROR-158	**The database is active but the utility communications block (DIB) is missing the** **nucleus entry**
Explanation	The ADAORD utility determined the nucleus was active without a DIB entry.
Action	Check the job to ensure the correct ASSO, DATA, and WORK data sets are specified for the given DBID.

52 ADAPLP Error Messages

ERROR-121   **Missing function**

Explanation   One of the following function codes is required:

- PLOGPRI
- SPLOGPRI
- WORKPRI

Action   Supply the correct function value and rerun the job.

ERROR-122   **Invalid value for the parameter 'TYPE'**

Explanation   Valid values are:

- TYPE=ALL
- TYPE=ASSO
- TYPE=DATA
- TYPE=REPR
- TYPE=SAVO
- TYPE=ET
- TYPE=C1
- TYPE=C5
- TYPE=VEKZ
- TYPE=EEKZ

Action   See the ADAPLP utility description in the Adabas Utilities documentation for more information.

ERROR-123   **Missing ASSO datasets**

Explanation   The Associator data set(s) is required for the WORKPRI function.

Action   Correct the job control statements to specify the required ASSO data sets, and rerun the ADAPLP job.

53 ADAPRI Error Messages

ERROR-121	**Missing function**	
Explanation	At least one valid function must be supplied:	
	ASSOPRI, DATAPRI, WORKPRI, TEMPPRI, SORTPRI, CLOGPRI, PLOGPRI, and RLOGPRI, or DSIMPRI.	
Action	Supply the correct parameter value and rerun the ADAPRI job.	

ERROR-122	**Missing ASSO datasets**
Explanation	The Associator data set(s) is required for the following functions:
	ASSOPRI, DATAPRI, WORKPRI.
Action	Add the appropriate data set to the job control JCL/JCS, and rerun the ADAPRI job.

ERROR-123	**Invalid RABN range**
Explanation	The TORABN value cannot be less than the FROMRABN value.
Action	Provide the correct parameter values and rerun the ADAPRI job.

ERROR-124	**Invalid 'NUMBER' parameter**
Explanation	NUMBER must be 1 through 8. The parameter is valid only for the CLOGPRI and PLOGPRI functions.
Action	Provide the correct parameter value, and rerun the ADAPRI job.

54 ADARAI Error Messages

This document describes general ADARAI errors (errors 117-159), ADARAI errors written to the output recovery job (errors 160 to 169), and informational ADARAI messages.

ERROR-117	**DSIMSIZE/DSIMDEV parameters required**
Explanation	ADARAI RECOVER was invoked for a database where the Delta Save Facility was active. In order to run correctly, ADARAI must know the DSIM device type and size of the DSIM data set. This could not be established using the RLOG and the parameters were not provided to ADARAI; therefore, ADARAI operation cannot continue.
Action	Specify the DSIMDEV and DSIMSIZE parameters to ADARAI.

ERROR-118	**Skeleton for {job-control} contains a {keyword} placeholder. This is not permitted for this skeleton**
Explanation	The skeleton job control for the *job-control* step in the supplied skeleton job control contained a *keyword* place holder. This placeholder is not permitted in the *job-control* step.
Action	Modify the `job-control' step in the skeleton to remove the `keyword' placeholder specification.

ERROR-119	**Skeleton for {job-control} contained two or more {keyword} placeholder definitions**
Explanation	The skeleton job control for the *job-control* step in the supplied skeleton job control contained two or more *keyword* placeholders prior to the next step. Each placeholder should only be specified once in each job control step in the skeleton; otherwise, ADARAI cannot determine which one to use.
Action	Modify the `job-control' step in the skeleton to only specify the `keyword' placeholder once.

ERROR-120	**Skeleton for {job-control} did not contain required {keyword} placeholder**
Explanation	The skeleton job control for the *job-control* step in the supplied skeleton job control did not contain the *keyword* placeholders anywhere prior to the next step. In order to insert the correct replacement data in the appropriate place in the skeleton, the *keyword* placeholder must be provided at some point in the *job-control* skeleton.
Action	Modify the `job-control' step in the skeleton to include the 'keyword' placeholder specification.

ERROR-121	**Invalid file number {file-number} is an invalid file number**
Explanation	The file number *file-number* is greater than the maximum permitted for the database.
Action	Supply a valid file number and rerun the job.

ERROR-122	Specified DRIVES parameter {drives} larger than original DRIVES parameter {original}
Explanation	The ADARAI RECOVER DRIVES parameter was set to *drives*, however, the original save job was originally run with DRIVES=*original*. The DRIVES parameter specified for ADARAI RECOVER must be equal to, or less than the original DRIVES parameter. ADARAI ignores the specification and uses the original DRIVES parameter.
Action	Modify the DRIVES parameter to use a valid value.

ERROR-124	Invalid file number requested. There is not recovery log information for the following file number (s): File={nn}
Explanation	The file is not known to the recovery log (RLOG). If the file was created by an ADADBS operation, the required checkpoint was not included in the checkpoint file, and the RLOG has no record of the change.
Action	Supply correct file numbers and rerun the job.

ERROR-127	RLOG is incorrect version. Execute PREPARE function and rerun the job
Explanation	The RLOG is from a version of the recovery aid prior to version 7.1, but the newer Adabas recovery aid requires an RLOG created by the updated ADARAI PREPARE function.
Action	Run the ADARAI PREPARE function to convert the RLOG.

ERROR-130	Parameter RLOGSIZE missing or invalid. A minimum of {nn} blocks is required
Action	Supply a valid RLOGSIZE parameter and rerun the job.

ERROR-131	Invalid value for parameter MINGENS. The value for this parameter must be in the range 4 through 32
Action	Supply a valid MINGENS parameter and rerun the job.

ERROR-133	Missing or invalid JCL pattern
Explanation	The input parameter list does not contain a valid pattern string for the JCL to be generated.
Action	Supply a correct JCL/JCS pattern and rerun the job. See the Adabas Utilities documentation for the syntax description.

ERROR-136	**Invalid value for the RELGEN parameter**
Explanation	The value is either greater than MINGENS - 1 or, for a Recovery operation, points to a nonexistent generation.
Action	Supply a valid RELGEN parameter and rerun the job.

ERROR-138	**ADARES PLCOPY not acknowledged**
Explanation	The Adabas nucleus is not up. ADARAI called the user exit 2 (dual log processing) or user exit 12 (multiple log processing) to submit a job to copy pending data from a protection log. ADARAI waited for the copy to complete; however, the copy did not complete in the time that ADARAI was waiting.

ERROR-139	**ADARES PLCOPY not acknowledged**
Explanation	The Adabas nucleus was called with a FEOFPL command to close and copy the current dual or multiple protection log. ADARAI waited for a copy to be submitted and completed as a result of this command; however, the copy did not complete in the time that ADARAI was waiting.

ERROR-140	**ADARAI not permitted to run. The Adabas nucleus returned response {nnn}.**
Explanation	The only acceptable response is 148.
Action	Shut down the nucleus and rerun the job.

ERROR-141	**Internal error occurred in module RAGDOS: GETVIS failure occurred for PUTSPOOL buffer**
Action	Increase the size of the partition GETVIS and rerun the job.

ERROR-142	**Internal error occurred in module RAGDOS: PUTSPOOL job submission error. Internal return code is {X'nnn}'**
Action	See the *IBM POWER Installation and Operations Manual* for corrective action. Then rerun the job.

ERROR-143	**Internal error occurred in module RAGDOS: Invalid calling function determined**
Action	Contact your Software AG technical support representative.

ERROR-144   **Internal error occurred in module RAGDOS: CDLOAD failure for ADAIOI**

Action   Check the return code for CDLOAD for corrective action and rerun the job.

ERROR-145   **Internal error occurred in module RAGDOS: CDLOAD failure for ADAOPTD**

Action   Check the return code for CDLOAD for corrective action and rerun the job.

ERROR-146   **Internal error occurred in module RAGDOS: SUBSID error**

Action   Check the return code for SUBSID for corrective action and rerun the job.

ERROR-147   **Internal error occurred in module RAGDOS: GETVIS error**

Action   Check the return code for GETVIS for corrective action and rerun the job.

ERROR-148   **Internal error occurred in module RAGDOS: DLBL record length limit**

Action   Contact your Software AG technical support representative.

ERROR-149   **Internal error occurred in module RAGDOS: JCL buffer exceeded**

Action   Contact your Software AG technical support representative.

ERROR-150   **Internal error occurred in module RAGDOS: LUB tabe exceeded**

Action   Contact your Software AG technical support representative.

ERROR-156   **Invalid JCL control keyword**

Action   Supply a correct JCL/JCS input and rerun the job.

ERROR-157   **Generation {nn} is {xxxxxxxx}**

Explanation   ADARAI was not able to LIST or RECOVER a generation because the generation is either erroneous or restricted.

Action   Determine the reason for the problem, correct it, and rerun the job.

ERROR-158   **ADARAI not permitted to run. The Adabas nucleus returned response {resp-code}, subcode {subcode}**

Explanation   ADARAI was unable to run because of the problem indicated by the Adabas nucleus response code "resp-code" and, if relevant, the subcode "subcode".

Action   See the **Adabas response code/subcode descriptions**.

ERROR-159	ADARAI PREPARE not permitted to run
Explanation	The RLOG is in an invalid state for PREPARE. If the RLOG is in use, issue an ADARAI REMOVE for the RLOG. If this is a new RLOG, it must be formatted before running ADARAI PREPARE. The RLOGSIZE defined using ADARAI PREPARE must be the same as that previously defined by the SIZE parameter of the ADAFRM RLOGFRM function.
Action	Use ADARAI REMOVE to deactivate the RLOG, or ADAFRM RLOGFRM to reformat the RLOG before running ADARAI PREPARE.

ADARAI Error Messages Written to the Output Recovery Job (ERROR-160 - ERROR-169)

The following errors are written directly to the output recovery job to

- ensure that the job cannot run without modification, and

- identify the point in the job generation where the error was encountered.

ERROR-160	The generation used to create the following job was {status}
Explanation	The generation used to generate the job had a status other than "normal". This indicates that ADARAI determined at some time during the creation of the generation that the job it would generate could not run without changes by the user.
Action	Determine the reason for the status and modify as appropriate. When the generation is "restricted", a later message indicates where the generation actually became restricted. Generally, such jobs run successfully with intervention. If the generation is "erroneous", it is impossible to know what caused this during the recovery phase; therefore, you must determine what caused the problem and correct it in the recovery job if possible and appropriate.

ERROR-161	No full save dataset available in generation
Explanation	The generation being recovered has no full save data set associated with it. This should only occur for the first generation allocated by default after the RLOG is prepared.
Action	Determine the last full save data set prior to the generation and insert a step to restore this prior to using the generated recovery job. Any steps that took place between the time the full save was taken and the RLOG became available must also be inserted here to insure that the recovery job runs and that the resulting data is valid.

ERROR-162	**Missing PLOG dataset information PLOG number = {plog} low PLOG block = {lowblk} [NUCID {nucid}] high PLOG block = {highblk} [NUCID {nucid}]**
Explanation	During the generation of the recovery job, ADARAI determined that it needed the range of PLOG blocks listed in the message; however, these PLOG blocks were not recorded in the generation being recovered. This may occur if the generation was restricted, or a PLCOPY step to copy a PLOG failed to record its execution on the RLOG data set. When it is nonzero, a cluster nucleus ID is appended after the low and high PLOG block number.
Action	Determine the PLOG on which the range of blocks is located and add this data set to the job at the appropriate point as identified by the location of the message.

ERROR-163	**Generation became restricted following this step**
Explanation	This identifies the point in the recovery job at which the generation became "restricted" and the reason why it was restricted. With user intervention, it should be possible to handle the reason for the generation becoming restricted and thus to enable the recovery job to successfully recover the database.
Action	Take appropriate action to handle the reason for the restriction.

ERROR-164	**No session end record found** **Insure all PLOGs are included prior to next utility run**
Action	ADARAI encountered an off-line utility execution at a point where a session start record was found but no session end record was found. This indicates that the nucleus session terminated abnormally prior to the off-line utility being executed. This means that ADARAI cannot determine precisely what the last PLOG block of that session was and can only attempt to include all PLOG blocks it knows about for that session.
Action	Ensure that all PLOGs for that particular session are provided to the REGENERATE prior to the utility step about to be executed. Additional PLOGs for the session, not known to ADARAI, can be added at the end of the DD/SIIN statement.

ERROR-165	**No RESTPLOG entry found**
Explanation	A RESTONL request was encountered that is normally followed by a RESTPLOG entry indicating the PLOGs that must be provided to the RESTONL for it to complete successfully. In this case, no RESTPLOG entry could be found relating to the RESTONL function that was encountered. Under normal circumstances, this can only occur if the RESTONL function fails during the PLOG processing stage and the RESTPLOG is not repeated stand-alone.
Action	Determine if the RESTPLOG was in fact successfully issued but not recorded on the RLOG. If so, the appropriate PLOGs can be added to the RESTONL step based on the information in the RESTPLOG job itself.

ERROR-166	**No starting PLOG information found**
Explanation	While building the recovery job, ADARAI encountered a utility operation that was run online; however, no preceding nucleus sessions start record was encountered. This can only occur if the generation is "restricted" or the session start logging to the RLOG failed.
Action	If there is no reasonable explanation why this occurred, contact your Software AG technical support representative.

ERROR-167	**RESTPLOG encountered out of sequence SYN1 PLOG block ={plogblk} [NUCID {nucid}] SYN2 PLOG block ={plogblk} [NUCID {nucid}]**
Explanation	Under normal circumstances, a RESTPLOG request is only encountered in association with a RESTONL utility operation. In this case, a RESTPLOG was encountered for the PLOG blocks identified with no preceding RESTONL request. When it is nonzero, the cluster nucleus ID is appended after the block number.
Action	Determine how the RESTPLOG entry occurred at that point and determine if the recovery job will run successfully without that step.

ERROR-168	**Job contains one or more errors**
Explanation	While building the recovery job, ADARAI detected one or more errors that have rendered the generated recovery job not executable.
Action	Correct the errors identified earlier in the job and run the job if it can be successfully repaired based on the errors that have occurred.

ERROR-169	**The previous step was incomplete**
Explanation	The ADARAI data collection mechanism was notified that the step prior to this message was preparing to complete its processing; however, a `commit' record was not written for the utility execution indicating that either it did not run to completion or the commit record could not be written.
Action	Determine the reason for the failure to complete the information on the RLOG. If the recovery job can run successfully without the failing step, remove the step completely from the recovery job. If required, make the appropriate corrections to the job step.

INFO-001	**The following PLOG numbers were not used: low PLOG number {lowplog} [NUCID {nucid}] high PLOG number {highplog} [NUCID {nucid}]**
Explanation	During its PLOG validation processing, ADARAI checks to see whether the PLOG session numbers it encounters are in sequential ascending order (e.g., PLOG 8 follows PLOG 7, PLOG 7 follows PLOG 6 and so on). When it encounters a situation where this is not the case, this message is issued identifying the range of `missing' PLOGs. This can occur when online saves are used. When it is nonzero, a cluster nucleus ID is appended after the session number.

INFO-002   **File number {file} deleted**

Explanation   During optimized ADARAI RECOVERY processing, a deleted file may simply not figure in the recovery job itself. This message is issued to register the fact that the file number `file' was deleted during the generation being recovered.

55 ADAREP Error Messages

ERROR-121	**Nucleus returned response {resp-code} while reading/opening the checkpoint file. ({nucleus-response})**
Explanation	Refer to chapter 3 for the meaning of "resp-code".
Action	Investigate the cause of the error. Correct it and rerun the job.

ERROR-122	**Inconsistency detected between FST and GCB (internal error)**
Explanation	The FST contains RABNs that do not belong to the database.
Action	Repair the FST using Adabas basic system or ADADBS recover.

ERROR-123	**Inconsistency between DSST and FCB file extent (internal error)**
Explanation	A(DSST-EXTENT-ENTRY) = xxxxxxxx A(FCB-EXTENT-ENTRY) = xxxxxxxx
Action	Inform your database administrator (DBA) of the error.

ERROR-124	**Inconsistency between file {file-name} and GCB (internal error)**
Explanation	The file extents contain RABNs that do not belong to the database.
Action	Repair the file using RESTORE and REGENERATE.

ERROR-125	**Inconsistency in mirror block (internal error)**
Explanation	The mirror table has an incorrect structure; it cannot be interpreted.
Action	Repair the mirror table using ADAREF; then mirror your database again.

ERROR-126   **Invalid parameter value for parameters FROMDATE/TODATE or FROMSESSION/TOSESSION**

Action   Supply the correct parameter value and rerun the job.

ERROR-127   **Invalid FROMDATE / TODATE parameter**

Explanation   The FROMDATE / TODATE parameters must have the format yyyymmdd.

Action   Supply the correct parameter value and rerun the job.

ERROR-128   **Invalid save tape supplied**

Explanation   The data set supplied as the DD/SAVE input data set is not a save tape.

Action   Supply a valid save tape and rerun the job.

ERROR-129   **Save tape must be from V71 or higher**

Explanation   The supplied save tape was not created using Adabas version 7.1 or above.

Action   Supply a save tape created using Adabas version 7.1 or above and rerun the job.

56 ADARES Error and Warning Messages

This document describes general and warning ADARES messages.

ERROR-121   **Protection log number mismatch**

Explanation   The protection log number specified by the PLOGNUM/FROMPLOG parameter could
                       not be found on the input log tape.

User Action: Supply a correct protection log data set and rerun the job.

ERROR-122   **FROMCP/FROMBLK not found**

Explanation   The start checkpoint/block number specified in the FROMCP/ FROMBLK parameter
                       could not be found on the protection log number "log-number" (the actual log number
                       is shown in the message text).

User Action: Supply the correct parameter value and rerun the job.

ERROR-123   **Ending block number not found**

Explanation   The block number specified in the TOBLK parameter could not be found on the
                       protection log input.

User Action: Supply the correct parameter value and rerun the job.

ERROR-124   **Invalid log number specification**

Explanation   The nucleus is not able to obtain the number of the last block written to the sequential
                       protection log data set for the requested session"session-id".

User Action: If there is a valid EOF mark on the input data set, add the NONUC parameter and
                       rerun the job.

ERROR-125   **Dual log modified during copy run**

Explanation   User exit 2 of the nucleus is

■ used: the copy run was started twice using the exit; or

■ not used: the nucleus started writing to the part of the dual log being copied before the copy run finished.

User Action: Save the ADARES output and contact your Software AG technical support representative.

ERROR-126   **Invalid FROMBLK/FROMCP/TOBLK/TOCP values**

Explanation   Missing or invalid FROMCP or TOCP specification.

User Action: See the Adabas Utilities documentation for further information.

ERROR-127   **Database ID mismatch**

Explanation   The ADARUN DBID is "dbid-a", but the DDSIIN input data set contains data for DBID "dbid-b", on block "block-number", "session-id". Either the wrong database is accessed, or the utility input parameter specifies a wrong database ID.

User Action: Correct the error and rerun the job.

ERROR-128   **Inconsistent file list**

Explanation   File "file-number" is either a coupled file or part of an expanded file; however, not all corresponding files have been included in the file list.

User Action: Supply a correct file list, or specify the IGNORECOUPLE/IGNOREEXP parameters, then rerun the ADARES job.

ERROR-129   **Empty PLOG dataset for backout**

Explanation   PLOGR1/R2 are empty. Backout from disk is not possible.

User Action: Save the ADARES output and contact your Software AG technical support representative.

ERROR-130   **PLOG dataset not yet copied**

Explanation   An attempt was made to read from data set (name), but this data set has not been copied.

User Action: Run the ADARES function PLCOPY first to save the contents of the dual or multiple protection log data set, then rerun this job.

ERROR-131   **TOCP/TOBLK not found on dual protection log**

Explanation   The requested checkpoint for backout DPLOG is not on the data set (name).

User Action: Supply a correct protection log and rerun the job.

ERROR-132   **Invalid value for the parameter 'DSRABN'**

Explanation   One of the following is required:

   ■ a single RABN; or

   ■ an ascending range of RABNs.

User Action: Supply the correct parameter value and rerun the job.

ERROR-133   **Conflicting FROMPLOG/TOPLOG parameters**

Explanation   For the REGENERATE function, the value for TOPLOG must not be less than the
                   value specified for FROMPLOG. For the BACKOUT function, the inverse must be
                   true: the FROMPLOG value must not be less than the TOPLOG value.

User Action: Supply a correct parameter value and rerun the ADARES job.

ERROR-134   **Protection log number mismatch**

Explanation   The protection log data sets are not supplied in the correct order: the current protection
                   log number has number (log-number-a); the previous had number (log-number-b).

User Action: Supply the correct sequence of protection logs and rerun the job.

ERROR-135   **TOBLK/TOCP not found on sequential protection log**

Explanation   The specified TOBLK does not contain the TOCP. The input has been processed,
                   including the block specified by TOBLK.

User Action: Supply the correct parameter value and rerun the ADARES job.

ERROR-136   **Invalid block number found**

Explanation   The blocks of the current PLOG are not supplied in the correct order, or the first block
                   of a PLOG does not have number 1. The block just read has number (block-number)
                   on protection log number (log-number). The displayed message text contains actual
                   block and log numbers.

User Action: Supply the correct sequence of protection logs and rerun the job.

ERROR-137	**Missing function parameter**
Explanation	The ADARES statement did not specify an ADARES function.
User Action:	Supply an ADARES function (BACKOUT, CLCOPY, COPY, MERGE, PLCOPY, REGENERATE, REPAIR) and rerun the ADARES job.

ERROR-138	**DBID mismatch**
Explanation	On PLOG number (log-number), block number (block-number), DBID (dbid-a) was found, but the PLOG DBID parameter value is (dbid-b).
User Action:	Supply the correct PLOG tapes and rerun the ADARES job.

ERROR-139	**DDSIIN input error**
Explanation	Sessions to be copied include both PLOG and SAVE sessions.
User Action:	Supply the correct input tapes and rerun the ADARES job.

ERROR-140	**DDSIIN input error**
Explanation	Timestamps are not ascending in session number "session-id". The block in error has number (block-number).
User Action:	Supply the correct input tapes and rerun the ADARES job.

ERROR-141	**Parameter {parameter} not allowed in MODE=SINGLE**
Explanation	The parameter parameter cannot be specified in single-user mode.
User Action:	Rerun the job with the ADARUN parameter MODE=MULTI.

ERROR-142	**Parameter {parameter} not allowed without DSF**
Explanation	The parameter is only available when the Delta Save Facility is installed.
System Action:	ADARES terminates abnormally.
User Action:	If the Delta Save Facility is installed, specify ADARUN DSF=YES and rerun the job.

ERROR-143	**Error during DSIM dataset processing**
Explanation	An error occurred while the Delta Save Facility was processing (building) the delta save images (DSIM) data set. The DSIM data set has not been built correctly. The reason for the error is indicated by a preceding Delta Save error message. This ADARES error message is only issued if the COPY function is executed without a sequential output data set.
System Action:	ADARES terminates abnormally.
User Action:	Determine and eliminate the cause of the error; then rerun the job.

ERROR-144   **Parameter AUTOBACKOUT not allowed**

Explanation   The AUTOBACKOUT parameter is allowed only when the TOCP parameter value is also specified.

User Action: Correct the input parameter specifications, then rerun the ADARES job.

ERROR-145   **Invalid EXCLUDE parameter**

Explanation   The file number provided in the message either has not been specified at all for REGENERATE/BACKOUT, or has been specified twice in the EXCLUDE parameter.

User Action: Correct the error and rerun the job.

ERROR-146   **File excluded from REGENERATE**

Explanation   The REGENERATE function excluded one or more files from the regeneration. Possible causes:

■ The nucleus returned a response code for the file.

■ ADARES encountered a utility checkpoint on the PLOG that pertained to the file, indicating a problem with the setup of the job (for example, wrong RAID parameter; wrong PLOG).

If a file is excluded from regeneration in a job built by the Adabas Recovery Aid, an internal error is indicated.

User Action: Determine the cause of the error and correct the job. If necessary, contact your technical support representative for help restarting the recovery process.

ERROR-147   **Invalid value for parameter 'ALLOCATION'**

Explanation   Valid values are ALLOCATION={FORCE | NOFORCE}.

User Action: Supply the correct parameter value and rerun the job.

ERROR-148   **Nucleus 'NU' parameter value too small**

Explanation   Currently, more than `NU' number of users have open transactions.

User Action: Increase the nucleus `NU' value and rerun the job.

ERROR-149   **Missing or mismatching RLOGDEV parameter**

Explanation   The specified or implied RLOGDEV parameter does not match the RLOG device type stored in the GCBs.

RLOGDEV parameter	= device type
RLOG device type	= device type

The RLOGDEV parameter must be correct so that ADARES COPY/PLCOPY executions can be recorded in the recovery log even if the GCBs have been damaged.

User Action: Supply the correct parameter value and rerun the job.

ERROR-150   **Error occurred during CLCOPY, PLCOPY, or PPT DEQ**

Explanation   An error occurred while dequeuing multiple protection or command logs during the copy process in a nucleus cluster environment.

User Action: Contact your Software AG technical support representative.

ERROR-151   **Error occurred during CLCOPY, PLCOPY, or PPT ENQ**

Explanation   An error occurred while enqueuing multiple protection or command logs during the copy process in a nucleus cluster environment.

User Action: Contact your Software AG technical support representative.

ERROR-152   **ADARES BACKOUT DPLOG not allowed for a cluster database.**

Explanation   The ADARES function BACKOUT DPLOG may not be used for an Adabas cluster database. ADARES BACKOUT may be used, but a merged protection log is required as input.

User Action: Use the PLCOPY function to merge the protection logs and supply the sequential data set.

ERROR-153   **Invalid NUMLOG parameter specified**
                      The value specified was {nn}

Explanation   When manually merging command logs in an Adabas cluster environment, the NUMLOG parameter maximum number is 32.

User Action: Specify the correct number of cluster command logs to be merged.

ERROR-154   **{OPEN | CLOSE} error on {MERGIN1 | MERGIN2} file**

Explanation   An error occurred while opening or closing the intermediate data set supplied for the protection or command log merge process in an Adabas cluster environment.

User Action: Contact your Software AG technical support representative.

ERROR-155   **Read error on {MERGIN1 | MERGIN2} file. System error={nnnnnnnn}**

Explanation   An error occurred while reading the intermediate data set supplied for the protection or command log merge process in an Adabas cluster environment.

User Action: Contact your Software AG technical support representative.

ERROR-156   **Write error {MERGIN1 | MERGIN2} file. System error={nnnnnnnn}**

Explanation   An error occurred while writing to the intermediate data set supplied for the protection or command log merge process in an Adabas cluster environment.

User Action: Contact your Software AG technical support representative.

ERROR-157   **Incorrect {MERGIN1 | MERGIN2} file supplied**

Explanation   An incorrect intermediate data set was supplied for the protection or command log merge process in an Adabas cluster environment.

User Action: Contact your Software AG technical support representative.

ERROR-158   **Inconsistency detected with header flag partial merge indicator is not set correctly**

Explanation   During the protection or command log merge process in an Adabas cluster environment, an inconsistent indicator was detected for the merge status of a log.

User Action: Contact your Software AG technical support representative.

ERROR-159   **Invalid {READ | WRITE} container function requested for merge process**

Explanation   An error occurred when attempting a read or write to the PLOG or CLOG data set.

User Action: Contact your Software AG technical support representative.

ERROR-160   **Internal processing error encountered with the merge process - subcode {n}**

Explanation   An internal protection or command log processing error was detected with one of the following subcodes:

1	An attempt was made to open a log multiple times.
2	The log I/O table is full.
3	An error occurred reading the PLOGR1 or CLOGR1 data set in the parallel participant table (PPT).
4	An error occurred reading the PLOGR2 or CLOGR2 data set in the parallel participant table (PPT).
5	Neither log was selected for the merge process.
6	An error occurred in the log buffering.
7	The log buffer flag is incorrect.

| 8 | An internal error occurred while processing log records. An attempt was made to read past end-of-file. |
| 9 | An internal error occurred while attempting to update the log status at the end of the merge process. |

User Action: Contact your Software AG technical support representative.

ERROR-161   **Invalid PPT detected**

Explanation   An invalid parallel participant table (PPT) was detected in an Adabas cluster environment.

User Action: Contact your Software AG technical support representative.

ERROR-162   **The PLOG merge process encountered an invalid protection record**

Explanation   An error occurred while processing a protection record.

User Action: Save the ADARES output and contact your Software AG technical support representative.

ERROR-163   **The PLOG merge detected an internal error writing the merged records**

Explanation   The block numbers are not increasing sequentially.

User Action: Save the ADARES output and contact your Software AG technical support representative.

ERROR-164   **The intermediate dataset did not contain as many records as expected**

Explanation   The input contains `xxx' number of records but `yyy' number of records were expected.

User Action: Supply the correct intermediate data sets.

ERROR-165   **The JCL supplied for the ADARES PLCOPY NOPPT produced an error**

Explanation   ADARES detected that either no DD statements were provided or the DD statement was in error for the PLCOPY NOPPT function.

User Action: Correct the JCL and resubmit the job.

ERROR-166   **Invalid input was supplied to the MERGE CLOG function**

Explanation   One or more of the data sets supplied to the ADARES MERGE CLOG function was in error. The input is expected to be sequential data sets and CLOGLAYOUT=5 must have been used to create the original CLOG.

User Action: Correct the input and resubmit the MERGE CLOG job.

ERROR-167	**The JCL supplied for the ADARES MERGE CLOG function produced an error**
Explanation	ADARES detected that either no DD statements were provided or the DD statement was in error for the MERGE CLOG function.
User Action:	Correct the JCL and resubmit the job.

ERROR-168	**The NUMLOG parameter specified was {xx} but {yy} datasets were supplied**
Explanation	The ADARES MERGE CLOG function parameter NUMLOG specified a different number of data sets (xx) from the number that were actually supplied as input to the function (yy).
User Action:	Change the NUMLOG parameter specification or change the input data sets specified so that the two values (xx and yy) match. Then resubmit the job.

ERROR-169	**An empty dataset was supplied as input to the MERGE CLOG function**
Explanation	ADARES detected an empty input data set.
User Action:	Remove the data set and adjust the NUMLOG value; or supply a valid datasest. Then resubmit the job.

ERROR-170	**Parameter SBLKNUM is only allowed if NOPPT**
Explanation	The SBLKNUM parameter is only allowed in conjunction with the NOPPT parameter.

ERROR-171	**The PPT is required for a PLCOPY from a cluster database. This is not possible because the open of the ASSO failed. Please rerun PLCOPY with NOPPT specified and the PLOG DD-statements supplied in the JCL.**
Explanation	Prior to ERROR-171, the following should be seen: "The Associator data set(s) could not be opened. *nn - return code explanation*." Processing continues.
	The open of the ASSO failed. After checking the PLOGs, it was determined that the PLOG to be copied was from a cluster database. Either the ASSO must be restored or the PLCOPY NOPPT function must be executed copy off the PLOGs. All pertinent PLOG DD-statement from the cluster should be supplied as input to the NOPPT function.

ERROR-172	**Incorrect PLOGs supplied**
Explanation	This error occurs if you attempt to run a regenerate using PLOGs that are not at the Adabas 7.2 or 7.4 level (or later). ADARES cannot use PLOGs from a backlevel version.
Action	If you need to run an ADARES job that spans Adabas versions, the ADACNV utility must be part of the recovery process. Here is an example of the recovery steps:
	1. Run an ADASAV RESTORE job against the old version database.
	2. Start the nucleus of the old version database.

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3. Run an ADARES job using ADARES REGENERATE PLOGNUM=*old-plognr*, where *old-plognr* is the PLOG number for the old database.

4. Shut down the nucleus of the old version database.

5. Run an ADACNV CONVERT job on the old version database to produce a new version database.

6. Start the nucleus of the new version database.

7. Run an ADARES job using ADARES REGENERATE PLOGNUM=*new-plognr* , where *old-plognr* is the PLOG number for the new database.

Warning - Input intermediate dataset is invalid

Explanation	NOPPT was specified and an invalid intermediate data set was supplied. Some of the protection records may be missing from the merged output.
System Action:	Since NOPPT was specified, processing continues and a condition code of 4 is returned.

Warning - The PPT has been cleared

Explanation	The parallel participant table (PPT) has been cleared since the last merge. Protection log data may be lost.
System Action:	Processing continues under the assumption that the database has been restored.
User Action:	Ensure that clearing the PPT was intended.

The PPT indicates that there are currently no PLOGS to be copied for this database

Explanation	There are no PLOGs to be copied.
Action	Determine the cause of the error. If necessary, contact your Software AG technical support representative for assistance.

Warning - CLOG is from a cluster database. A normal CLCOPY will run, since the PPT is not accessible. A subsequent CLOG MERGE must be run to merge the CLOG datasets.

Explanation	Prior to the warning, the following should be seen: "The Associator data set(s) could not be opened. *nn- return code explanation*." Processing continues. The open of the ASSO failed. After checking the CLOGs, it was determined that the CLOG to be copied was from a cluster database. A normal CLCOPY (non-merge) will run. A subsequent CLOG should run to merge the CLOG data sets.

57 ADARPE Error Messages

ERROR-121	**EXTRACT={name}: Value must be set to YES or NO for parameter {parmname}**
Explanation	The setting of parameter *parmname* in extract *name* is not valid. Valid settings are YES or NO.
Action	Correct the parameter and try again.

ERROR-122	**EXTRACT={name}: Parameter IMAGE must be set to BI, AI or BOTH.**
Explanation	The value of the IMAGE parameter has been incorrectly specified in extract *name*.
Action	Correct the parameter and try again.

ERROR-123	**EXTRACT={name}: Parameter TRANSACTIONLEVEL must be set to NONE, RECORD, or TRANSACTION.**
Explanation	The value of the TRANSACTIONLEVEL parameter has been incorrectly specified in extract *name*.
Action	Correct the parameter and try again.

ERROR-124	**EXTRACT={name}: Parameter MODIFICATIONTYPE must be a selection of INSERT/UPDATE/DELETE/ISTATE/ALL.**
Explanation	The value of the MODIFICATIONTYPE parameter has been incorrectly specified in extract *name*.
Action	Correct the parameter and try again.

ERROR-125	OUTPUTFILE={file} has been specified in EXTRACT={name1}, and EXTRACT={name2}.
Explanation	The OUTPUTFILE parameter for two different extracts refers to the same output file. They must be unique.
Action	Correct the OUTPUTFILE parameter and try again.

ERROR-126	{type} failure on {{outputfile}|{outputexit}}={{filename}|{exitname}} for EXTRACT={name}, RC={rc}
Explanation	A close, open, write, delete, or load (*type*) failure occurred for the output or exit file listed in the message. The name of the extract and the return code from processing are also given in the message.
Action	Correct the JCL or parameters and try again.

ERROR-127	{type} failure by User Exit={exitname} for EXTRACT={name}, RC={rc} User Exit error code={errorcode}
Explanation	An initialize, terminate, or processing (*type*) error occurred for the user exit named in the message. The name of the extract and the return and error codes from processing are also given in the message.
Action	Correct the JCL or parameters and try again.

ERROR-128	When TRANSACTIONLEVEL=TRAN or RECORD is specified, both MERGIN1 and MERGIN2 must be present, and must be the same type of file with the same or a larger record size as the CLOG input file
Explanation	When TRANSACTIONLEVEL parameter is set to "TRAN" or "RECORD", the MERGIN1 and MERGIN2 data sets are required. They must be the same file type and their record sizes must be at least as large (or larger) as the CLOG input file.
Action	Correct the JCL or parameters and try again.

ERROR-129	The combination of PAYLOADDATA=YES, PAYLOADPREFIX=NO, and RECORDPREFIX=YES is invalid.
Explanation	An invalid combination of parameters was specified.
Action	Correct the parameters and try again.

ERROR-130	Failure on writing to PRINT file. Consult Software Support.
Explanation	A failure occurred writing to the PRINT file. Additional messages should be present.
Action	Examine the additional messages and see if you can resolve the problem. If the problem persists, contact your Software AG technical support representative.

ERROR-131   **Open failed for file DDCLOG with returned code of {rc}**

Explanation   An attempt to open the DDCLOG file failed. The return code of the attempt is given in the message.

Action   Correct the JCL or parameters and try again.

ERROR-132   **Invalid parameters supplied**

Explanation   The specified parameters are not valid.

Action   Examine the additional message to fully identify the problem. Then correct the JCL or parameters and try again.

ERROR-133   **A record that was not a V52 or V8 CLOG record was encountered**

Explanation   The input file for the CLOG appears corrupted or incorrect.

Action   Correct the JCL or parameters and try again. If the problem persists, contact your Software AG technical support representative.

ERROR-134   **NAME parameter is required for EXTRACT**

Explanation   No value was supplied for the `NAME` parameter (the extract name). A value for this parameter is required in an ADARPE run.

Action   Supply a `NAME` parameter setting and try again.

ERROR-135   **NAME={name} is not unique across EXTRACTs.**

Explanation   The name specified for an extract is not unique; the same name was specified for different extracts. Extract names must be unique.

Action   Specify a unique name for the extract and try again.

ERROR-136   **Specified destinations are not unique.**

Explanation   The same destination was specified more than once. Destinations listed in an individual `DESTINATIONS` parameter must be unique.

Action   Correct the destination list and try again.

ERROR-137   **Specified subscriptions are not unique.**

Explanation   The same subscription was specified more than once. Subscriptions listed in an individual `SUBSCRIPTIONS` parameter must be unique.

Action   Correct the subscription list and try again.

ERROR-138	**OUTPUTFILE parameter is required for EXTRACT.**
Explanation	No value was supplied for the `OUTPUTFILE` parameter. A value for this parameter is required in an ADARPE run.
Action	Supply an `OUTPUTFILE` parameter setting and try again.

ERROR-139	**At least one EXTRACT must be specified.**
Explanation	No `EXTRACT` parameter was specified. At least one `EXTRACT` parameter is required in an ADARPE run.
Action	Supply an `EXTRACT` parameter and try again.

58 ADARPL Error Messages

ERROR-121 **Date and time must be reasonable. Time is invalid without a Date. Date must be entered in the form YYYYMMDD. Time must be entered in the form HHMMSSTH.**

Explanation One or more of the specified date and time fields appear invalid.

Action Correct the date and time entries and try again.

ERROR-122 **At least 1 file-number must be supplied using the FILES= parameter.**

Explanation The FILES parameter has been specified incorrectly. When the FILES parameter is specified, it must be in the format of FILES=*nnnnn*, where *nnnnn* is a valid file number.

Action Correct the FILES parameter and try again.

ERROR-123 **RPLDSBI must be a string of Y, N or Placeholders in single quotes.**

Explanation The RPLDSBI parameter has been specified incorrectly. The RPLDSBI parameter must be specified in single quotes and one Y or N value must be specified for each file specified for the ADARPL run (for example `RPLDSBI='Y,N,N,Y,Y,N,Y'`.

Action Correct the RPLDSBI parameter and try again.

ERROR-124 **TOTIME, FROMTIME and RESENDTIME require their respective DATE value.**

Explanation A TOTIME, FROMTIME, or RESENDTIME parameter was specified without the corresponding *DATE parameter.

Action Specify the corresponding TODATE, TOTIME, or RESENDDATE parameter with the appropriate *TIME parameter and try again.

ERROR-125	**Invalid RPLTARGETID or RPLTARGETS. The value supplied must be a positive integer less than or equal to 65535.**
Explanation	An invalid value was specified for the RPLTARGETID or RPLTARGETS parameters. Valid values for these parameters range from "1" to "65535"; values higher than "65535" are invalid.
Action	Correct the target IDs and try again.

ERROR-126	**No. of RPLTARGETS, RPLKEY, and RPLDSBI must be equal to No. of FILES.**
Explanation	An incorrect number of values was specified for the RPLTARGETS, RPLKEY, or RPLDSBI parameters. The number of values must match the number of files specified by the FILES parameter for the ADARPL run.
Action	Correct the parameter values and try again.

ERROR-127	**RPLTARGETID and RPLTARGETS parameters are mutually exclusive.**
Explanation	An attempt was made to specify both the RPLTARGETID and RPLTARGETS parameters in the same ADARPL run. This is invalid.
Action	Specify one or the other parameter and try again.

ERROR-128	**Event Replicator Server {id}, no active subscription or destination for file {number}.**
Explanation	No active destination or subscription could be found for the file listed in the message on the Event Replicator Server named in the message.
Action	First verify and correct (as necessary) the file number or Event Replicator Server target ID for the ADARPL run. If they are correct, modify the Replicator system file subscription and destination definitions. Then try the ADARPL run again.

ERROR-129	**Database {dbid} not defined to Event Replicator Server {id}.**
Explanation	The database with the database ID listed in the message is not defined to the Event Replicator Server listed in the message.
Action	Verify and correct the JCL or input parameters for the ADARPL run. If they are correct, modify the Replicator system file definitions. Then try again.

ERROR-130	**Event Replicator Server {id} replication pool overflow.**
Explanation	The replication pool for the Event Replicator Server listed in the message has an overflow condition, which is a critical error.
Action	Refer to the Event Replicator Server job's system log for error messages, which may provide possible actions to take.

ERROR-131   **RPLKEY and RPLDSBI are only valid with RPLTARGETID or RPLTARGETS.**

Explanation   An attempt to specify the RPLKEY or RPLDSBI parameters was made without also specifying either a RPLTARGETID or RPLTARGETS parameter. When specifying the RPLKEY and RPLDSBI parameters, a corresponding RPLTARGETID or RPLTARGETS parameter must be specified.

Action   Correct the input parameters and try again.

ERROR-132   **Dates and times must conform to the following general rule: FROMDATE/TIME <= RESENDDATE/TIME <= TODATE/TIME**

Explanation   The date and time values specified for the ADARPL run violate one or more of the following rules:

- FROMDATE and FROMTIME parameter values must specify dates and times earlier than those specified for the RESENDDATE and RESENDTIME parameters

- RESENDDATE and RESENDTIME parameter values must specify dates and times earlier than those specified for the TODATE and TOTIME parameters.

Action   Correct the date and time parameters and rerun the ADARPL job.

ERROR-133   **The file number cannot exceed 65535.**

Explanation   The file number specified on the FILES parameter was greater than "65535", which is invalid. Valid values for the FILES parameter range from "1" through "65535".

Action   Correct the file number and rerun the job.

ERROR-134   **REPLAY is a required input parameter.**

Explanation   An attempt to run the ADARPL utility without specifying the REPLAY parameter. You cannot run the ADARPL utility without specifying the REPLAY parameter.

Action   Add the REPLAY parameter and rerun the ADARPL job.

ERROR-135   **The Adabas nucleus is currently NOT active.**

Explanation   An attempt was made to run the ADARPL utility was made when the Adabas nucleus was not active. The Adabas nucleus must be active to run ADARPL.

Action   Activate the Adabas nucleus and try again.

ERROR-136	**A resp 50 has been received during the Adabas open, probable invalid file number specified.**
Explanation	An error occurred trying to open one of the file numbers specified for the ADARPL run.
Action	Verify and correct the file numbers specified for the ADARPL run and then rerun the job.

ERROR-137	**Invalid block number found.**
	The blocks of the current PLOG are not supplied in the correct order. The block counts must be ascending by 1.
	Current block count = {count}
	Protection Log Number = {number}
	Supply the correct sequence of protection logs and rerun the job.
Explanation	ADARPL has detected an incorrect protection log. The current block count is shown, as well as the protection log number to assist diagnosis.
Action	Verify and check the PLOG data sets specified in the ADARPL job.

ERROR-138	**DBID mismatch.**
	DBID on PLOG does not match DBID-parameter
	Supply the correct PLOG tapes and rerun the job.
Explanation	ADARPL has detected a DBID mismatch.
Action	Verify and check the PLOG data sets and the DBID parameter specified in the ADARPL job.

ERROR-139	**ADARPL replication pool overflow.**
	Increase LRPL parameter and rerun the job.
Explanation	ADARPL has exceeded the replication pool size allocated via the LRPL parameter.
Action	Verify and check the input parameter LRPL specified in the ADARPL job, and increase it, as necessary, for successful job execution.

ERROR-140	**Unexpected Event Replicator Server response {rsp}.**
Explanation	ADARPL has received a non-zero response code from the Event Replicator Server.
Action	Use the response code in the error message to analyze and correct the problem.

ERROR-141 **RPLCLEANUP was issued for this ADARPL token**

Explanation An operator command of RPLCLEANUP was issued and the ADARPL token was removed. Further execution is not possible.

Action Verify and determine why the RPLCLEANUP operator command was issued.

ERROR-142 **Duplicate ADARPL jobs for the same FNR are not allowed**

Explanation ADARPL has detected a concurrent execution of another ADARPL against the same file number on this DBID.

Action Verify the execution of ADARPL jobs or check that the input parameters to ADARPL are correct.

ERROR-143 **Parameter RPLSORT must be set to YES or NO**

Explanation ADARPL has detected that the setting for the RPLSORT parameter is incorrect.

Action Verify that the input parameter RPLSORT is set to "YES" or "NO".

ERROR-144 **RPLTARGETID or RPLTARGETS must be specified if FILES are not specified**

Explanation ADARPL has detected that the parameters RPLTARGETID or RPLTARGETS is required because the FILES parameter is not specified.

Action Verify and check the input parameters to the ADARPL job for correct information, specifying RPLTARGETID or RPLTARGETS if required.

ERROR-145 **Invalid TOKEN or PLOGDBID or ORIGINDBID**
The value supplied must be a positive integer less than or equal to 65535.

Explanation ADARPL had detected a TOKEN, PLOGDBID, or ORIGINDBID value which is not a valid number.

Action Review and change, if necessary, the number listed in the ADARPL parameters. Then run the ADARPL job again.

ERROR-146 **RPLTARGETID must be specified if TOKEN is specified**

Explanation ADARPL has detected a TOKEN parameter in the same run in which an RPLTARGETID parameter was not specified. When you specify the TOKEN parameter, you must also specify the RPLTARGETID parameter.

Action Review and change the ADARPL parameters, as necessary. Then run the ADARPL job again.

ERROR-147	When parameter TOKEN is specified, only the following additional parameters are valid: LRPL, NU, and RPLTARGETID
Explanation	ADARPL has detected a TOKEN parameter in the same run as another ADARPL parameter that is not allowed when the TOKEN parameter is specified. Only the LRPL, NU, and RPLTARGETID parameters can be specified in an ADARPL run using TOKEN.
Action	Review and change the ADARPL parameters, as necessary. Then run the ADARPL job again.

ERROR-148	TOKEN {token} not found in Event Replicator Server
Explanation	There are no replay processes active with the token number listed in the message.
Action	Review and change the ADARPL RPLTARGETID and TOKEN parameters, as necessary. Then run the ADARPL job again.

ERROR-149	TOKEN {token} was not an ADARPL token.
Explanation	The token listed in the message is a valid token number, but is not for a replay process.
Action	Review and change the ADARPL TOKEN parameter, as necessary. Then run the ADARPL job again.

ERROR-150	RPLSORT missing, possibly the Adabas is not connected to the Event Replicator Server
Explanation	ADARPL has detected that the Event Replicator Server does not have information about RPLSORT, which is provided during an initialization handshake between an Adabas database and an Event Replicator database.
Action	Verify that the Adabas database and the Event Replicator database have established communication.

ERROR-151	File {number} is not the anchor file in the expanded file chain
Explanation	The file listed in the message is not the anchor file in the Adabas expanded file chain. Only the anchor file can be specified in the FILES parameter.
Action	Specify the file number of the anchor file in the expanded file chain and try again.

ERROR-152	Incomplete transaction found on PLOG
Explanation	A transaction started before the input PLOG data set specified for replay processing and ended after the FROMDATE and FROMTIME replay specifications.
Action	Add the preceding PLOG data set in sequence to the input PLOG data sets for replay processing and try again.

ERROR-153	**Incomplete transaction found on PLOG**
Explanation	The ET record was not found for a transaction that was to be included in replay processing.
Action	Add the next PLOG data set in sequence to the input PLOG data sets for replay processing and try again.

ERROR-154	**File {num} not loaded in database {dbid}**
Explanation	An attempt to run the ADARPL utility failed because the file specified for the run does not exist in the specified database. The file number and database ID are given in the message.
Action	Verify that the correct file number is specified and that the file does exist in the database. Then try again.

ERROR-156	**The source database Adabas version is not compatible with the Reptor Adabas version**
Explanation	The version of Adabas or the Event Replicator used by the Adabas database is not the same as the version of Adabas or Event Replicator used by the Event Replicator database.
Action	Resolve the discrepancy in Adabas or Event Replicator versions before you try again.

ERROR-157	**Either PLOGFILES specified for the master file only, or not all files of expanded file chain specified**
Explanation	A file number specified in PLOGFILES parameter is a component of an expanded file chain. At this time, the PLOGFILES parameter cannot specify files in an expanded chain and cannot be specified if any of the files listed in the FILES parameter is for a file in an expanded chain.
Action	Correct the ADARPL parameters and try again.

59 ADARPP Error Messages

ERROR-121   **Parameter PRINT must be set to DUMP, FORMAT or BOTH**

Explanation   An invalid value was specified for the ADARPP PRINT parameter. Valid values are listed in the message.

Action   Correct the value and try again.

ERROR-122   **Date and time must be reasonable. Date must be entered in the form YYYYMMDD. Time must be entered in the form HHMMSSTH.**

Explanation   An invalid value was specified for a date or time parameter in an ADARPP run. The date must be later that 1982 and the time value must be less than 24 hours.

Action   Correct the relevant date or time parameter and try again.

ERROR-123   **Parameter STATE must be set to YES, or NO.**

Explanation   An invalid value was specified for the ADARPP STATE parameter. Valid values are listed in the message.

Action   Correct the value and try again.

ERROR-124   **Print level must be in the range 0 to n inclusive for {parameter}**

Explanation   The print level specified for the ADARPP parameter identified in the message is invalid.

Action   Review the valid settings for the named print parameter, correct the value, and try again.

ERROR-125	Record number {nnn}: URBLTYPE: {aa} is not supported. Consult Software Support.
Explanation	The record contains an unknown record type value.
Action	Contact your Software AG technical support representative.

ERROR-126	FROMDATE and FROMTIME must be <= to TODATE and TOTIME
Explanation	The date and time specified by the ADARPP FROMDATE or FROMTIME parameters is later than the date and time specified by the TODATE and TOTIME parameters. This is invalid.
Action	Correct the appropriate date or time value and try again.

ERROR-127	Parameter TIMEZONE must be set to MACHINE, LOCAL, or an integer value in the range -23 to +23. When entering + or -, enclose the number in single quotes.
Explanation	An invalid value was specified for the ADARPP TIMEZONE parameter. Valid values are listed in the message.
Action	Correct the value and try again.

ERROR-128	Record number {nnn}: URBLPTYP {nn} is inconsistent with eye-catcher {aaaa}, Consult Software Support.
Explanation	The record contains a data type that is not consistent with the actual data.
Action	Contact your Software AG technical support representative.

ERROR-129	Record number {nnn}: URBLPTYP {nn} is not supported. Consult Software Support.
Explanation	The record contains an unknown data type value.
Action	Contact your Software AG technical support representative.

ERROR-130	Failure on writing to print file. Consult Software Support.
Explanation	An error occurred when a record was being written to the Report file.
Action	Contact your Software AG technical support representative.

ERROR-131	Open failed for file DDCLOG with returned code of {nn}.
Explanation	No DDCLOG file was specified in the ADARPP JCL.
Action	Correct the JCL and rerun the job.

ERROR-132   **Invalid parameters supplied.**

Explanation   At least one parameter value was invalid.

Action   Check all error messages to identify the invalid parameter values, make corrections to the values, and try again.

ERROR-133   **{nnnn} CLOG records were read, and {nnnn} records were selected for printing.**

Explanation   A summary of the CLOG records read and selected for printing is listed in the message. This is part of the summary report at the end of the print file.

Action   No action is necessary for this informational message.

ERROR-134   **PAGESIZE must be 20 or greater**

Explanation   An invalid value was specified for the ADARPP PAGESIZE parameter. Valid values must range from 20 or greater.

Action   Correct the value and try again.

60 ADASAV Error Messages

ERROR-95	**DIB disappeared**
Explanation	The DIB entry in the Utility Communications Block (UCB) that the utility created at the begin of its processing is no longer present at its end. Another utility may have modified files that were supposed to be locked. The result of this utility execution may be inconsistent.
User Action:	Determine what happened to the DIB entry. Then rerun the utility to ensure utility execution is consistent for all files. If the problem persists, contact your Software AG technical support representative.
ERROR-121	**Wrong protection log tape**
Explanation	The wrong protection log tape has been mounted. The requested protection log has DBID (dbid-a), session number (session-id).
	The supplied protection log is from DBID (dbid-b), session number (sess-num-b).
User Action:	Supply the correct tape and start an ADASAV job using the RESTPLOG function.
ERROR-122	**{chkpt}-checkpoint not found**
Explanation	One of the following has occurred:

1. The SYN1/SYN4 checkpoint is not contained in the protection log block (block-number); or

2. The SYN2/SYN5 checkpoint is not contained anywhere on the protection log; or

3. Another SYN1/SYN4 checkpoint was encountered before the expected SYN2-SYN5 checkpoint.

The wrong protection log has been mounted, or the wrong SYN1-SYN4 checkpoint has been specified.

User Action:	Supply the correct protection log and parameters. For case 1 or 2, continue with the RESTPLOG function. For case 3, repeat the RESTONL function.

ERROR-123	**The input tapes of a multivolume save set are mounted in the wrong order. ADASAV is not able to continue**
Explanation	The RESTORE function expects the RESTn/DDRESTn data sets to be presented in the order in which they were created.
User Action:	Ensure that input tapes are mounted in correct order; then rerun the job.

ERROR-124	**Invalid file list parameter**
Explanation	One of the following occurred:

- No file numbers, invalid file numbers, or duplicate file numbers were specified in the FILES, FMOVE, NEWFILES, or EXCLUDE parameter.
- More file numbers were specified in the NEWFILES parameter than in the FILES or FMOVE parameter.
- A file specified in the EXCLUDE parameter was not specified in the FILES, FMOVE, or NEWFILES parameter.

User Action:	Supply the correct parameter value and rerun the job.

ERROR-125	**Missing function code**
Explanation	Either SAVE or RESTORE is required.
User Action:	Supply the correct parameter value and rerun the job.

ERROR-126	**Only one function at a time allowed**
Explanation	Either SAVE or RESTORE is required: not both.
User Action:	Supply the correct parameter value and rerun the job.

ERROR-127	**Invalid value for the parameter DRIVES**
Explanation	The value for this parameter must be greater than or equal to 1 and less than or equal to 8. The default value is 1.
User Action:	Supply the correct parameter value and rerun the job.

ERROR-128	**All parts of an expanded file must be restored together. At least the parameter FILE={file-number} is missing**
User Action:	Include all files of this expanded file in the file list, then rerun the ADASAV job.

ERROR-129   **Invalid value for the parameter NEWDBID**

Explanation   A correct value is in the range 1 to 65,535.

User Action: Supply the correct parameter value and rerun the job.

ERROR-130   **Invalid value for the parameter PERDRIVE**

Explanation   The number of values in the parameter list for PERDRIVE must be equal to the value of the DRIVES parameter.

User Action: Supply the correct parameter value and rerun the job.

ERROR-131   **Input save tape created {ONLINE | OFFLINE}**

Explanation   The incorrect type of ADASAV restore function was used for the type of output save tape from the previous ADASAV SAVE operation.

User Action: Use the RESTONL function for restoring a tape saved with the nucleus online, and also provide the associated protection log. Use the RESTORE function for restoring a tape saved with the nucleus offline.

ERROR-132   **First block on restore tape is not a GCB**

Explanation   An invalid input for RESTORE is supplied.

The RESTORE input must have been produced by a previous ADASAV SAVE execution.

User Action: Supply a correct input and rerun the job.

ERROR-133   **Restore tape does not have the correct version**

Explanation   For the RESTORE FILES function, the restore tape must have been produced by a version 5.1 or above ADASAV SAVE execution.

For the RESTORE (database) or RESTORE GCB function, the restore tape must have been produced by an ADASAV SAVE execution with the same version as is used for the restore.

User Action: Supply a correct input and rerun the job.

ERROR-134   **Different types for restore**

Explanation   The ADASAV restore source and destination device types are different. ADASAV restore functions cannot accept different source and output device types or extents.

User Action: Respecify the output to the same device type or extent as the restore function source, and resubmit the job. For more information, see the Adabas Utilities documentation.

ERROR-135	**Save tape does not contain a whole database**
Explanation	The save data set cannot be restored because:

■ The save data set is a file save data set that can be restored only with RESTORE/RESTONL FILE/FMOVE;

■ The save data set is a delta save data set that can be restored only in combination with a full database save data set (using RESTORE DELTA).

System Action:	The RESTORE database or RESTORE GCB function is abnormally terminated.
User Action:	Provide the right save data set or specify the correct restore function.

ERROR-136	**Restore database online not permitted**
Explanation	The ADASAV RESTORE Open command received a nucleus response code of (resp-code - explanation). The nucleus is active, which is not allowed during a RESTORE database operation.
User Action:	Ensure that the correct nucleus has been accessed; if so, shut down the nucleus and then rerun the ADASAV RESTORE job.

ERROR-137	**An attempt was made to restore file no. {file-number} into a database with a MAXFILE-value of {count}**
User Action:	Correct either the file number or change the MAXFILE value in the database.

ERROR-138	**File {file-number} not found on save tape**
User Action:	Supply a correct input data set containing the specified file, or remove the file number from the parameter list.

ERROR-139	**Coupled files must all be restored together. File {file-number-a} is coupled to file {file-number-b}**
User Action:	Include all files coupled together in the file list and rerun the job.

ERROR-140	**No files selected for SAVE/RESTORE**
User Action:	Supply a correct file list using the FILE or FMOVE parameter and rerun the job.

ERROR-141   **Supplied {value} is smaller than currently used**

User Action: Supply a larger value for the parameter specified in place of "value" in the message, and rerun the job. Refer to the Adabas Utilities documentation for more information.

ERROR-142   **Invalid value for parameter {parameter}**

Explanation   One of the followed is the case:

- An attempt was made to increase MAXISN but the file was defined with NOACEXTENSION; or

- The specified size (in cylinders) is too large.

ERROR-143   **Restore database not permitted. Another utility has exclusive control of the database**

Explanation   ADASAV RESTORE expects to get a Response Code returned that indicates that the database is down. However, ADASAV RESTORE was returned a sub code indicating that another utility currently has exclusive control of the database.

User Action: Ensure the correct nucleus has been accessed; if so, wait for the other utility to run before running the ADASAV RESTORE.

ERROR-144   **File number {file-number} is already present and cannot be overwritten**

System Action: This file is removed from the file list. ADASAV will continue.

ERROR-145   **An existing database cannot be overwritten**

Explanation   The Associator used for output already contains a database.

User Action: The OVERWRITE parameter may be used to overwrite an existing database.

ERROR-146   **ADASAV not permitted to run**

Explanation   One of the following is the case:

- The Adabas nucleus is active but running without a protection log; or

- A save operation is already active.

User Action: Correct the cause of the problem and rerun the job.

ERROR-148	Invalid value for the 'PERDRIVE' parameter
Explanation	The total of all values supplied for this parameter must equal the number of entries in the VOLSER table displayed with this message.
User Action:	Respecify the PERDRIVE parameter, and rerun the job.

ERROR-150	Nucleus response {resp-code} at the end of the online save operation
Explanation	See chapter 2 for the explanation of nucleus response codes.
	The proper synchronization of the nucleus protection log (PLOG) and the output of the SAVE run is not possible.
User Action:	Rerun the ADASAV SAVE job. If the error occurs again, consult your Software AG technical support representative.

ERROR-151	Invalid value for the 'BUFNO' parameter
Explanation	The highest value permitted for BUFNO is 255.
User Action:	Respecify the BUFNO value, then rerun the ADASAV job.

ERROR-152	Partial overwrite of coupled files
Explanation	The file " file-number-a" is coupled to file "file-number-b", which is not selected for the RESTORE operation (actual file values are displayed in the message text). This RESTORE cannot be serviced because it would result in a logical data inconsistency.
User Action:	Check the RESTORE function parameter input; correct the error and then rerun the RESTORE job.

ERROR-153	Partial overwrite of expanded file
Explanation	The file "file-number-a" is part of an expanded file. It is linked to the file "file-number-b", which is not selected for the RESTORE operation (actual file values are displayed in the message text). This RESTORE cannot be serviced because it would result in a logical data inconsistency.
User Action:	Check the RESTORE function parameter input; correct the error and then rerun the RESTORE job.

ERROR-155	Invalid restore operation
Explanation	An attempt was made to:

- overwrite an Adabas system file with a disparate system file or a non-system file;

- introduce a second system file into a database where the corresponding system file already exists;

- restore a user-defined system file into a database where the GCBs' system file list is full; or

■ restore a checkpoint or security file from Adabas version 5.

User Action: Correct the file specification and, if appropriate, rerun the ADASAV job.

ERROR-156   **Active nucleus required**

Explanation   The Adabas nucleus must be active to

■ check the replication log information for the files being saved; or

■ clear the replication log for files being restored.

User Action: Start the Adabas nucleus, then rerun the ADASAV job.

ERROR-157   **Part of the database not physically allocated**

Explanation   Some of the blocks to be saved/restored lie within physically unallocated database storage. Probably an ADADBS or Adabas Online System "increase" was run without first providing the associated physical storage.

User Action: Allocate the physical storage, then rerun the ADASAV job.

ERROR-158   **Incomplete restore tape**

Explanation   The "associator|data" RABN "rabn-number" was not found on the restore tape. Either end-of-file (EOF) occurred, or ADASAV found "count" RABN "rabn-number" instead. Either a required tape volume is missing, or the tapes are mounted in the wrong order.

User Action: Supply a correct restore tape, then rerun the ADASAV job.

ERROR-159   **Inconsistent restore tape**

Explanation   The restore tape does not contain the expected data. All records on the tape must contain references to DBID "dbid", session number "session-id", and time stamp "ttt". A record was found that incorrectly referred to DBID "dbid-x", session number "session-id-x", and time stamp "ttt".

User Action: Correct the cause of the incorrect reference, then rerun the ADASAV job.

ERROR-160   **Inconsisten protection log**

Explanation   The Adabas protection log does not contain the expected data. The last record that was read should have contained DBID "dbid", serial number "number", and time stamp >= "ttt". However, it contained instead DBID "dbid-x", serial number "number-x", and time stamp "ttt-x".

User Action: Correct the cause of the incorrect reference, then rerun the ADASAV job.

ERROR-161	Error during DSF processing
Explanation	This generic error message is issued after a Delta Save error message. An error occurred while the Delta Save Facility was processing the requested function. The internal response code by Delta Save is shown.
System Action:	The function is abnormally terminated.
User Action:	For more information, see the Delta Save error message preceding this message.

ERROR-162	Parameter/function {function} not allowed without DSF
Explanation	The designated parameter or function is only available when the Delta Save Facility is installed.
System Action:	ADASAV terminates abnormally.
User Action:	If Delta Save is installed, specify ADARUN parameter DSF=YES and rerun the job.

ERROR-163	DSF logging area is installed
Explanation	The database has a Delta Save logging (DLOG) area installed, but ADASAV was not started with the Delta Save Facility.
System Action:	ADASAV terminates abnormally.
User Action:	Specify ADARUN parameter DSF=YES and rerun the job.

ERROR-164	DRIVES > 1 not allowed for delta merge
Explanation	There is no full save input to the MERGE function, so the output save data set will be a delta save or an unloaded DSIM data set. The DRIVES parameter is allowed only when a full save data set is merged.
System Action:	The merge function terminates abnormally.
User Action:	Remove the DRIVES parameter and rerun the job.

ERROR-165	Incomplete input for merging ASSO/DATA RABN {num} was not found on the input tapes; end-of-file occurred instead
Explanation	The save data set input for the merge function is incomplete. End-of-file was encountered when Associator or Data Storage RABN "num" was expected. Possibly a required tape volume is missing or input tape volumes have been concatenated so that an end-of-file mark was encountered before the last tape.
System Action:	The merge function terminates abnormally.
User Action:	Supply complete input data sets and rerun the job.

ERROR-165	**Incomplete input for merging ASSO/DATA RABN {num1} was not found on the input tapes; ADASAV found ASSO/DATA RABN {num2} instead.**
Explanation	The save data set input for the merge function is incomplete. Associator or Data Storage RABN "num2" was found when RABN "num1" was expected. Possibly a required tape volume is missing or input tapes are mounted in the wrong order.
System Action:	The merge function terminates abnormally.
User Action:	Supply complete input data sets and rerun the job.

ERROR-166	**Conflicting parameters for restore delta**
Explanation	The combination of parameters and input save data sets is invalid:

  ■ DRIVES>1 is not allowed for RESTORE GCB, RESTORE FILE, or RESTORE FMOVE with DELTA;

  ■ Concatenation of delta save input data sets is not allowed for RESTORE GCB, RESTORE FILE, or RESTORE FMOVE with DELTA.

System Action:	The RESTORE DELTA function terminates abnormally.
User Action:	Correct the arrangement of input save data sets and rerun the job.

ERROR-167	**Restore delta without full save not possible**
Explanation	The full save tape was omitted the restore operation but the current status of the database does not allow this. One of the following was detected:

  ■ The function is not RESTORE database.

  ■ The Associator failed to open. The full save data set probably had not been successfully restored in a previous run. An ADAIOR error text is given.

  ■ No Delta Save logging (DLOG) area is installed in the database.

  ■ Delta Save logging is not enabled; that makes this operation invalid.

  ■ The database has been modified since the last restore operation: the Adabas nucleus has been active, the DLOG area is not empty.

  ■ The database has been modified since the last restore operation: a utility has changed the file indicated in the message.

  ■ The database has been modified since the last restore operation: the DLOG header block was altered.

  ■ A file excluded from the previous restore must now also be excluded but has not been.

  ■ A file specified as excluded was not excluded from the previous restore.

System Action:	The delta restore function terminates abnormally.
User Action:	Provide the full save data set for the delta restore operation and rerun the job.

ERROR-168	**GCB extents changed between delta saves**
Explanation	The database layout was changed by an ADADBS ADD, INCREASE, or DECREASE function (or by the equivalent Adabas Online System function). Later on, a delta save data set was produced that is now input to the restore function. ADASAV is not able to handle the changed GCBs in the second phase of the delta restore process.
System Action:	The changed GCBs are written to the database. Then the delta restore function terminates abnormally.
User Action:	There are two possible ways to correct this problem:

- Merge all input save data sets and restore the resulting merged full save data set; or

- Rerun the delta restore function without the full save data set, starting with the first delta save data set not yet restored; doing this causes ADASAV to bypass the earlier, old image of the GCBs.

ERROR-169	**Incompatible RABN sizes**
Explanation	An attempt was made to restore one or more files from a database with "x"-byte RABNs into a database with "y"-byte RABNs.
System Action:	The requested function cannot be performed.

ERROR-170	**Maximum record length too big for this database**
Explanation	The maximum compressed record length defined for file "file-number" is too big to be compatible with the Work block size.

Maximum record length	= length
Work block size required	block-size
Work block size present	= block-size

	The file can be restored only into a database with a larger Work block size.
User Action:	Use the ADADEF NEWWORK function to define a new Work data set with a larger block size so that you can restore the file.

ERROR-171	**Conflicting address converter device types for file {file-number}**
Explanation	The secondary address converter extent allocated by the nucleus during an online save could not be restored to the current address converter due to conflicting device types.
User Action:	Remove the MAXISN parameter for this file and rerun the RESTONL FMOVE function.

ERROR-172   **NEWFILES parameter not allowed for file {file-number}**

Explanation   The NEWFILES parameter must not be specified for expanded files or physically coupled files.

User Action: Remove the corresponding file number assignment from the NEWFILES list and rerun ADASAV.

ERROR-173   **Incomplete file list for online save files**

Explanation   For an online SAVE FILE operation or a SAVE FILE with UTYPE=EXU, all component files of an expanded file chain and all files that are coupled must be specified explicitly in the FILES parameter (see the ADAU15 message(s) above this error message).

User Action: Correct the FILES parameter and rerun the job.

ERROR-174   **File not eligible for RESTPLOG function file {file-number} is not in restore status**

Explanation   The specified file was not being restored in a RESTONL operation that was interrupted and thus may not be selected for the RESTPLOG function.

User Action: Correct the RESTPLOG parameter input and rerun the job.

ERROR-175   **Invalid value for parameter 'ALLOCATION'**

Explanation   Valid values are ALLOCATION=FORCE | NOFORCE.

User Action: Supply the correct parameter value and rerun the job.

ERROR-179   **ADASAV DIB entry lost**

Explanation   The DIB entry that ADASAV wrote at the beginning of the SAVE operation was no longer present at the end. It may have been removed by a nucleus that was incorrectly started with parameter IGNDIB=YES. A parallel nucleus or utility may have updated the database while ADASAV was running. The save data set may be inconsistent.

User Action: Investigate the cause of the error. Correct it and rerun the job. Do not use the save data set.

ERROR-180   **A Reptor database may only contain the files CHECKPOINT, SECURITY, REPLICATOR, and SLOG**

Explanation   A database defined as an Event Replicator Server database (created with REPTOR=YES) must not contain user files or system files not related to replication.

Action   Do not attempt to restore files other than CHECKPOINT, SECURITY, REPLICATOR, or SLOG on Event Replicator Server databases.

ERROR-181 **The database is active but the utility communications block (DIB) is missing the nucleus entry**

Explanation The ADASAV utility determined the nucleus was active without a DIB entry.

Action Check the job to ensure the correct ASSO, DATA, and WORK data sets are specified for the given DBID.

ERROR-901 **Unexpected Event Replicator Server response {rc}, subcode {sc}, location {loc}**

Explanation An ADASAV communication to the Event Replicator Server has failed with the response (*rc*) and subcodes (*sc*) listed in the message. The location (*loc*) is also listed in the message.

Action Verify and correct (if necessary) the ADASAV parameters and JCL. Refer to the [response code](#) descriptions for information about the response code and subcode. If necessary, contact your Software AG support representative for assistance.

ERROR-902 **Duplicate Replication jobs for the same file are not allowed**

Explanation You cannot concurrently run multiple replication jobs replicating the same file number.

Action Verify and correct (if necessary) the replication job parameters to ensure the correct information is provided for replication. If problems persist, contact your Software AG support representative for assistance.

ERROR-903 **RPLCLEANUP was issued for this ADASAV token**

Explanation An RPLCLEANUP was issued for the Event Replicator Server. This removed the ADASAV token and communication to the Event Replicator Server is no longer possible for this job.

Action Determine why the operator RPLCLEANUP command was issued. Prepare for file recovery as necessary before rerunning ADASAV.

ERROR-904 **Event Replicator Server {id} replication pool overflow**

Explanation The replication pool for the Event Replicator Server listed in the message (*id*) has an overflow condition, which is a critical error.

Action Refer to the Event Replicator Server job's system log for error messages which may provide possible actions to take to resolve this problem.

ERROR-905 **Database {dbid} not defined to Event Replicator Server {id}**

Explanation The Adabas database with the database ID (*dbid*) listed in the message is not defined to the Event Replicator Server (*id*) listed in the message.

Action Verify and correct the JCL or input parameters for the ADASAV run. If they are correct, modify the Replicator system file definitions. Then try the ADASAV run again.

ERROR-906 **Event Replicator Server {id}, no active subscription or destination for file {number}**

Explanation No active destination or subscription could be found for the file listed in the message (*number*) on the Event Replicator Server (*id*) named in the message.

Action First verify and correct (as necessary) the file number or Event Replicator Server target ID for the ADASAV run. If they are correct, modify the Replicator system file subscription and destination definitions to ensure a definition exists for the file. Then try the ADASAV run again.

ERROR-908 **The versions of ADASAV and ADARPV are incompatible**

Explanation The versions of ADASAV and ADARPV are internally incorrect.

Action Verify and correct (if necessary) the JCL allocation of libraries and input parameter to ADASAV. If problems persist, contact your Software AG support representative for assistance.

ERROR-909 **Internal error in ADARPV+{offset}**
Register contents at time of error:
R0-R3 {##### ##### ##### #####}
R4-R7 {##### ##### ##### #####}
R8-R11 {##### ##### ##### #####}
R12-R15 {##### ##### ##### #####}

Explanation ADARPV has failed with an internal error at the *offset* given in the message.

Action Contact your Software AG support representative for assistance, and provide details of the failure.

ERROR-910 **ADARPV cannot load program ADAMGT**

Explanation Program ADARPV cannot load program ADAMGT.

Action Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADASAV. If problems persist, contact your Software AG support representative for assistance.

ERROR-911 **ADAMSG is incompatible with ADARPV**

Explanation Program ADARPV has detected an invalid version of program ADAMSG.

Action Verify and correct (if necessary) the JCL allocation of libraries and input parameters to ADASAV. If problems persist, contact your Software AG support representative for assistance.

ERROR-912   **The source database Adabas version is not compatible with the Reptor Adabas version**

Explanation   The version of Adabas or the Event Replicator used by the Adabas database is not the same as the version of the Adabas or Event Replicator used by the Event Replicator Server database.

Action   Resolve the discrepancy in the Adabas and Event Replicator Server Adabas versions before you try again.

61 ADASEL Error Messages

SEL001	**Unexpected end-of-file on DDKARTE**
Explanation	An end-of-file was reached on the DD/KARTE data set before ADASEL expected to reach an end-of-file. Most likely, the supplied input statements are incomplete.
Action	See the ADASEL syntax description in the Adabas Utilities documentation. Correct the input statements, then rerun the ADASEL job.

SEL002	**Syntax - undefined, illegal or incorrect syntax positioning of a parameter or symbol**
Explanation	The input string marked by " <---- " does not match the ADASEL syntax.
Action	See the ADASEL syntax description in the Adabas Utilities documentation. Correct the input statement syntax, then rerun the ADASEL job.

SEL003	**Statement table overflow - increase LST**
Explanation	The value specified by the SET GLOBALS parameter, LST, does not define an ADASEL translation table large enough for all the statements that match the SELECT argument.
Action	Specify a SET GLOBALS statement with an LST value larger than the current specified or default value. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

SEL004	**Syntax - value length exceeds the maximum field definition limit**
Explanation	The input string marked by " <---- " is longer than 253 bytes.
Action	Correct the string length, then rerun the ADASEL job.

SEL005	**Syntax - unexpected or missing quote**
Explanation	ADASEL detected an uneven number of apostrophes ('). All alphanumeric and hexadecimal values must be specified in pairs of apostrophes; apostrophes in an alphanumeric string must be doubled (as in `...don' 't forget...')
Action	Ensure that all specified apostrophes are paired, then rerun the ADASEL job.

SEL006	**Syntax - a numeric value specified for a binary field must be -2 147 483 648 < VAL < 2 147 483 647**
Explanation	A binary value in an ADASEL search criterion must be in the range of a two's complement value that fits within a fullword. The value specified was not recognized to be within this range.
Action	Correct the value specification and rerun the ADASEL job.

SEL007	**Syntax - unexpected or missing trailing blank**
Explanation	The ADASEL syntax elements must be embedded in blanks.
Action	See the ADASEL syntax description in the Adabas Utilities documentation. Correct the input statement syntax, then rerun the ADASEL job.

SEL008	**Syntax - illegal hex digit or an odd number of hex digits were specified**
Explanation	Hexadecimal values must be paired, and be valid characters.
Action	See the ADASEL syntax description in the Adabas Utilities documentation. Correct the input statement syntax, then rerun the ADASEL job.

SEL009	**Syntax - numeric value contained more than 29 digits**
Explanation	Adabas generally does not allow unpacked decimal values longer than 29 bytes.
Action	Supply a correct numeric value of 29 or fewer packed characters, then rerun the ADASEL job.

SEL010	**Syntax - illegal numeric value**
Explanation	The specified numeric value for the ADASEL criterion is invalid.
Action	Check the criterion specification, and then rerun the ADASEL job.

SEL011	**Value table overflow - increase NV**
Explanation	The ADASEL table allocated for evaluating field values is not large enough.
Action	Specify a larger table value by using the SET GLOBALS statement parameter, NV. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

SEL012	**Internal logic failure - contact your local Adabas support representative**
Explanation	An internal error occurred while ADASEL was checking the input statement syntax.
Action	Record and/or save all output from the job, your input statements and any dump, then contact Software AG technical support for additional instructions.

SEL013	**Invalid file number. File number must be 0<FNR<=MAXFILES (as specified for the database)**
Explanation	The specified file number(s) for FILE must be greater than zero and equal to or less than the value last specified by the MAXFILES parameter in the ADADEF DEFINE utility.
Action	Ensure that the defined file(s) are correct according to MAXFILE, that the specified files actually exist and that no files have been deleted.

SEL014	**File table overflow - increase NF**
Explanation	The allowed number of files for ADASEL processing was exceeded.
Action	Specify a larger file table value by using the SET GLOBALS statement parameter NF. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

SEL015	**No FDT read due to unavailability via an Adabas nucleus or because the file is not loaded**
Explanation	One or more of the specified files is not available for ADASEL processing. The unavailable file(s) are either locked by the Adabas nucleus, or have not been loaded into the database.
Action	Either correct the ADASEL FILE specification to remove the files in question, or resubmit the job later when the files are available.

SEL016	**Syntax - invalid DATE/TIME value specified**
Explanation	The "starting from" and "ending at" date/time specification was incorrect. The format may be any one of the following:

```
yyyymmdd/hhmmss
 J(yyyyddd hhmmss)
 X'xxxx xxxx'
```

Action   Correct the date/time specification and rerun the ADASEL job.

SEL018   **Syntax - undefined or illegal field name**

Explanation   The specified ADASEL fieldname is incorrect, or does not exist.

Action   Specify a correct fieldname, then rerun the ADASEL job.

SEL019   **Syntax - field name specified is not an elementary ({name}) a group or PE ({periodic})
                     - group name is not permitted**

Explanation   A field was specified for ADASEL that is not an elementary field, or the index value
                     for a periodic group field was forgotten. Multiple-value and periodic group names,
                     super-, sub-, hyper- or phonetic descriptor fields are not allowed.

Action   Respecify the field correctly, then rerun the ADASEL job.

SEL020   **Syntax - invalid periodic index specified (must be 0 < PE <= 191)**

Explanation   A periodic group field was specified for ADASEL with an incorrect or invalid index
                     value.

Action   Specify the correct index value and rerun the ADASEL job.

SEL021   **Syntax - illegal hypen specified in an index**

Explanation   A periodic group's field or multiple-value field's occurrence contained an illegal
                     hyphen in the index portion of the specification.

Action   Correct the specification and rerun the ADASEL job.

SEL022   **Syntax - an index is specified for a non1-indexable field name; i.e., not an MU- or
                     PE-field**

Explanation   An index value or range was specified for a field that is neither in a periodic group
                     nor an occurrence in an multiple-value field.

Action   Remove the index value from the field specification, or correct the field name to show
                     a periodic group or multiple-value field.

SEL023   **Syntax - missing or illegal MU-index**

Explanation   A multiple-value field was specified for ADASEL with an incorrect or missing index
                     value.

Action   Specify the correct index value and rerun the ADASEL job.

SEL024	Syntax - 'FROM' index value is > 'TO' index value
Explanation	The "FROM" index specification for a multiple-value (MU) or periodic group (PE) field for the ADASEL job is greater than the "TO" index specification.
Action	Specify correct index value(s) and rerun the job.

SEL025	Syntax - fields defined with a format of float are not permitted to be specified
Explanation	A field was defined for ADASEL that is in floating-point format. Floating point fields cannot be specified in an ADASEL search argument.
Action	Respecify the ADASEL search argument using non-floating-point field name(s).

SEL026	Syntax - missing quote(s) for an alphameric value
Explanation	An alphanumeric value was specified without being enclosed in apostrophes ([X]'...').
Action	Correct the value specification and rerun the ADASEL job.

SEL029	Syntax - illegal FROM/THRU/BUT NOT value specified; i.e., EQUAL > THRU or BUT NOT > THRU, etc
Explanation	An incorrect ADASEL criterion value range was specified.
Action	Correct the EQUAL ..., THRU ...(through ...), and/or BUT NOT... values and rerun the ADASEL job.

SEL030	Syntax - value length exceeds the fixed length defined for this field
Explanation	The field selected by the ADASEL criterion is defined with the fixed-length (FI) option, but the value specified for the field is longer than allowed by the field's FDT definition.
Action	Correct the value size and rerun the ADASEL job.

SEL031	Syntax - maximum number of IF - levels exceeded. Increase NIF
Explanation	The number of "nested" IF levels in the ADASEL IF/THEN [ELSE] statement is more than allowed. The number of IF... levels is controlled by the ADASEL SET GLOBALS/NIF parameter.
Action	Specify a larger IF... count by using the SET GLOBALS statement parameter NIF. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

SEL032	**Syntax - Unmatched IF/ELSE statements**
Explanation	ADASEL detected an IF... without an ELSE..., or vice versa. IF... and ELSE... conditional parameters must occur in pairs.
Action	Correct the ADASEL IF/ELSE syntax to create paired conditional parameters, and rerun the job.

SEL033	**Syntax - Unmatched DO/DOEND statements**
Explanation	ADASEL detected a DO... statement without a matching DOEND..., or vice versa.
Action	Correct the ADASEL DO...DOEND syntax to create DO...DOEND pairs, and rerun the job.

SEL034	**Syntax - DDEXPA dataset number specified - must be 1 - 20 inclusive**
Explanation	The ADASEL output data set(s) DD/EXPAn was either not numbered or incorrectly numbered. There must be at least one output data set (DD/EXPA1), up to a maximum of twenty, numbered in adjoining ascending order (DD/EXPA1, DDEXPA2, ... DD/EXPA20).
Action	Correct the DD/EXPAn job control statement(s), and rerun the ADASEL job.

SEL035	**Syntax - The year specified in the date must be 1980 or later**
Explanation	The "yyyy" portion of the date specified by the ADASEL input statement must be "1980" or later.
Action	Correct the date and rerun the ADASEL job.

SEL036	**Field description table overflow - increase NV**
Explanation	The table for field evaluations in ADASEL is too small. Each "evaluation" of a field requires one table entry-regardless of whether only one field is evaluated many times or many fields, one time each.
Action	Specify a larger field evaluation table value by using the SET GLOBALS statement parameter, NV. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

SEL037	**An undefined ASSO device type was specified. Check the ADARUN DEVICE parameter**
Explanation	A DD/ASSORn job control statement for the ADASEL job specified an incorrect or undefined Associator device type. The default device type is the type specified by the ADARUN DEVICE parameter, but other device types may have been specified for the Associator. The ADAREP utility report or Adabas Online System "Database Report" function shows the devices in use for the Associator.
Action	Correct the DD/ASSORn job control statement, and rerun the ADASEL job.

SEL038   **Invalid TYPE value specified, must be AI/BI/ALL**

Explanation   The ADASEL "SELECT..." specification is incorrect. The choices are before image (BI), after image (AI), or ALL.

Action   Correct the SELECT specification, then rerun the ADASEL job.

SEL039   **Invalid file number specified**

Explanation   The ADASEL FILE... specification specified an invalid file number. There is no FDT for a file with the specified number.

Action   Correct the SELECT specification, then rerun the ADASEL job.

SEL040   **Invalid or illegal FROM/THRU ISN values specified**

Explanation   An ADASEL criterion specified invalid EQUAL... and/or THRU (through)... ISN values.

Action   Correct the SELECT specification, then rerun the ADASEL job.

SEL041   **I/O error on DDKARTE**

Explanation   An input/output error occurred while ADASEL was reading the DD/KARTE input statements.

Action   Record and/or save all output from the job, your input statements and any dump, then contact Software AG technical support for additional instructions.

SEL043   **Table overflow - too many values specified**

Explanation   ADASEL encountered a record that could not be decompressed.

Action   Record and/or save all output from the job, your input statements and any dump, then contact Software AG technical support for additional instructions.

SEL044   **Syntax - invalid or illegal GLOBAL parameter**

Explanation   ADASEL detected an invalid SET GLOBALS statement value. The SET GLOBALS statement, which should come before the ADASEL parameters themselves, overrides default values for the ADASEL parameters.

Action   Correct the SET GLOBALS statement in the ADASEL DD/KARTE job control segment, and rerun the ADASEL job. See the Adabas Utilities documentation for more information.

SEL045	**Unable to obtain sufficient memory for processing - rerun in a larger partition or address space**
Explanation	The ADASEL job could not be run in the existing space.
Action	Allocate more space for this nucleus, then rerun the ADASEL job.

SEL046	**Unable to process Data Storage record due to an invalid MU/PE - count or field value length**
Explanation	ADASEL detected an incorrect multiple-value field count or periodic group occurrence, or a field value was specified that is incompatible with the defined field's actual length. ADASEL could not continue processing.
Action	Correct the incompatibility, then rerun the ADASEL job.

SEL047	**PE-value table overflow - increase LPV**
Explanation	The table for evaluating periodic-group (PE) fields in ADASEL is too small. ADASEL normally computes this size automatically; however, there may have been more occurrences matching the search criterion than normal.
Action	Specify a larger PE field evaluation table value by using the SET GLOBALS statement parameter, LPV. The SET GLOBALS statement must come before the other ADASEL input statements. See the Adabas Utilities documentation for more information.

SEL048	**DDKARTE open failed**
Explanation	ADASEL was unable to open the DD/KARTE input statement data set.
Action	Ensure that the DD/KARTE statement is valid and specifies an available ADASEL job setup. Then rerun the ADASEL job.

SEL049	**I/O error on DDDRUCK**
Explanation	The DD/DRUCK job control statement, which specifies the print output data set for ADASEL, is either incorrect or specifies an unavailable data set or device.
Action	Correct the problem and rerun the ADASEL job.

SEL051	**Syntax - IF statement not permitted within a DO-group**
Explanation	An ADASEL IF... statement cannot be within a DO...DOEND stream.
Action	Move the IF... statement outside the DO...DOEND stream, or delete one of them. Then rerun the ADASEL job.

SEL052   **Syntax - GLOBAL parameter exceeds the MINIMUM/MAXIMUM values**

Explanation   ADASEL detected an invalid SET GLOBALS parameter value. The value is most likely outside the range allowed for the parameter. The following are some SET GLOBAL parameters and their allowed ranges:

LS:	1-132
PS:	2-999

Action   Correct the SET GLOBALS statement in the ADASEL DD/KARTE job control segment, and rerun the ADASEL job. See the Adabas Utilities documentation for more information.

SEL053   **I/O error encountered on DDSIIN**

Explanation   The DD/SIIN job control statement, which specifies the sequential input (SIBA) log data set for ADASEL, is either incorrect or specifies an unavailable data set or device. Another possible cause is that the DD/SIIN data set is not the sequential output file from an ADARES COPY/PLCOPY operation, as required by ADASEL.

Action   Correct the problem and rerun the ADASEL job.

SEL054   **I/O error encountered on DDEXPA**

Explanation   The DD/EXPA job control statement, which specifies the print output data set for ADASEL, is either incorrect or specifies an unavailable data set or device.

Action   Correct the problem and rerun the ADASEL job.

SEL057   **DECOMPRESS error - processing aborted**

Explanation   While decompressing a file, ADASEL detected a record that it could not decompress.

Action   Record and/or save all output from the job, your input statements and any dump, then contact Software AG technical support for additional instructions.

SEL058   **File is ciphered and cannot be audited**

Explanation   ADASEL cannot be run on ciphered files.

Action   Change the file specification to exclude all ciphered files, then rerun the ADASEL job.

SEL059	Syntax - CHANGES option not permitted with selection of new or deleted records
Explanation	The CHANGES option requires both a before (BI) and after (AI) image for comparison following an update (A1/4) command. Either the BI or AI image was not available.
Action	Remove the CHANGES parameter from the ADASEL syntax.

SEL060	Change pool is too small - increase NCFLD or NCUPD and rerun
Explanation	The default values of 10 (the count of "field-name" CHANGES... statements) for the NCFLD and NCUPD SET GLOBALS parameters of the ADASEL job are not large enough. These two counts are multiplied to determine the correct value.
Action	Increase one or both of the NCFLD and NCUPD parameters in the SET GLOBALS statement of the ADASEL DD/KARTE job, and rerun the ADASEL job. See the Adabas Utilities documentation for more information.

SEL061	Syntax - PE/MU index incorrectly specified for CHANGES option
Explanation	The IF "field-name" CHANGES... conditional statement of an ADASEL job specified a multiple-value (MU) field value or periodic group (PE) occurrence index value that does not exist, or that has no before (BI) and after (AI) image. The field value or group occurrence may have been added or deleted, eliminating one of the required images.
Action	The IF...CHANGES... conditional statement cannot be specified in this case. Redefine the ADASEL statement.

SEL062	Error during decompression, internal response= {reason-code}
Explanation	While decompressing a file, ADASEL detected a record that it could not decompress. The "reason-code" tells you why:

4	A decompressed numeric field value is longer than allowed by the field's definition in the FDT. The value cannot be truncated during decompression.
8	A decompressed record is too long for the sequential block size of the output data set.

Action	Record and/or save all output from the job, your input statements and any dump, then contact Software AG technical support for additional instructions.

SEL079	Warning. Skipping spanned records
Explanation	An attempt was made to use the ADASEL utility against a file containing spanned records. While the ADASEL utility can identify spanned records, it cannot process them. Consequently, it skips them during processing.
Action	Restrict ADASEL usage to files without spanned records.

SEL133	**Warning. PLOG has not been merged**
Explanation	The PLOG was created by an Adabas cluster nucleus and has not yet been merged using the ADARES PLCOPY procedure.
Action	Merge the PLOGs using the ADARES PLCOPY function before you extract data using ADACDC.

62 ADAULD Error Messages

This document describes ADAULD messages.

ERROR-121   **Cipher-code missing**

Explanation   The file is ciphered but no cipher code is supplied.

Action   Supply the correct cipher code and rerun the ADAULD job.

ERROR-122   **Cipher code supplied, but file is not ciphered**

Action   Remove the cipher code and rerun the ADAULD job.

ERROR-123   **No records selected**

Explanation   No records found according to the given search criterion. The resulting unloaded file
                      contains only the field definition table (FDT).

ERROR-124   **Error limit reached**

Explanation   "error-count" errors have occurred (the displayed message contains an actual count).
                      ADAULD execution is terminated.

ERROR-125   **Invalid value for parameter 'NUMOUT'**

Explanation   NUMOUT must be 1 or 2. If NUMOUT=2, user exit 9 must is loaded.

Action   Supply a correct parameter or a user exit, and rerun the job.

ERROR-126	'SELVAL' parameter missing MISSING
Action	Supply a valid selection criterion and rerun the job.

ERROR-127	Invalid value for the parameter 'LRECL' or 'LPB'
Explanation	The LRECL and LPB parameters must be less than 32,768.
Action	Supply the correct parameter value and rerun the ADAULD job.

ERROR-128	Different record lengths for DDOUT1 and DDOUT2
Explanation	The maximum record lengths of the output data sets must be equal.
Action	Supply the correct output data sets and rerun the ADAULD job.

ERROR-129	Invalid 'SORTSEQ' parameter {parameter}
Explanation	The field cannot be used to determine the unload sequence because it

■ is undefined;

■ is not a descriptor;

■ is a phonetic descriptor; or

■ (or part of the field) is within a periodic (PE) group.

Action	Choose another sequence, and rerun the ADAULD job.

ERROR-130	Descriptor {desc-name} has {option} option
Explanation	Unloading the file in descriptor "desc-name" sequence may lead to variations in the normal sequence (anomalies).
Action	If you nevertheless want to perform that unload sequence, supply the "option" parameter. Otherwise, choose another unload sequence. Then rerun the ADAULD job.

ERROR-131	Invalid ETID parameter
Explanation	The file to be unloaded is not defined with the multiclient option.
Action	Remove the ETID parameter and rerun the ADAULD job.

ERROR-132   **Missing ETID parameter**

Explanation   The file to be unloaded is defined with the multiclient option. Selecting records according to a search criterion requires that a single ETID be specified.

Action   Specify the ETID parameter, and rerun the ADAULD job.

ERROR-133   **The file number supplied is a checkpoint or security file**

Explanation   Checkpoint and security files may not be unloaded.

Action   Supply a correct input file and rerun the job.

ERROR-134   **Invalid save tape supplied**

Explanation   The data set supplied as the DD/SAVE input data set is not a save tape.

Action   Supply a valid save tape and rerun the job.

ERROR-135   **Invalid protection log supplied**

Explanation   Once of the following occurred:

- The requested protection log has DBID dbid1, session number plognum1, but the supplied protection log has DBID dbid2, session number plognum2.

- The SYN1/SYN4 checkpoint is not contained in the protection log block blocknumber.

- The SYN2/SYN5 checkpoint is not contained anywhere on the protection log.

- Another SYN1/SYN4 checkpoint was encountered before the expected SYN2/SYN5 checkpoint.

- The supplied input tape is not a protection log.

Action   Supply the correct protection log and parameters, and rerun the job.

ERROR-136   **TEMP dataset too small**

Explanation   The temp data set is not large enough to buffer all Data Storage blocks found for file *file-number* on the protection log.

Action   Supply a larger temp data set and rerun the job.

ERROR-137   **The input tapes of a multivolume save dataset are mounted in the wrong order**

Explanation   The tapes of a multivolume data set are mounted in the wrong order. ADAULD terminates.

Action   Supply the tapes in the correct order and rerun the job.

ERROR-138	**Error during DSF processing**
Explanation	An error occurred while the Adabas Delta Save Facility was processing the requested function for the delta save data set. The Delta Save Facility returned the response code provided in the message.
Action	Refer to the information for the specified response code. Correct the error and rerun the job.

ERROR-139	**Unload without full save not possible**
Explanation	The full save tape required to unload from a delta save data set is not supplied.
Action	Supply the fullsave data set and rerun the job.

ERROR-140	**Invalid value for the parameter CODE**
Explanation	A valid value has at most eight (8) digits or blanks.
Action	Supply a valid parameter value and rerun the job.

ERROR-141	**No protection log supplied**
Explanation	The unloaded file was changed during an online save operation but no protection log is supplied. The unloaded data is probably inconsistent.

ERROR-142	**Invalid DDISN parameter**
Explanation	The DDISN parameter must not be specified if SORTSEQ=descriptor,MU is also specified, or if the descriptor specified with SORTSEQ is a hyperdescriptor.
Action	Supply the correct parameter value and rerun the job.

ERROR-143	**The input dataset/file DDEBAND or DDISN does not have the record format variable or variable blocked (V or VB)**
Explanation	The record format of DD/EBAND and DD/ISN must be V or VB.
Action	Supply the correct input and rerun the job.

ERROR-144	**Invalid ET-ID**
Explanation	When running DECOMPRESS on a multiclient file, Adabas processes either
	■ the entire file if ET-ID is not specified; or
	■ the selection of records allowed for the client identified by ET-ID.
	The user ID referred to by the `ETID' parameter is either not defined or has not been assigned an owner ID.
Action	Investigate the cause of the error; correct it; and rerun the job.

ERROR-145	**Hyperdescriptor exit was not specified in ADARUN**
Explanation	While unloading a file from SAVETAPE, the descriptor value table (DVT) could not be created because the file contains a hyperdescriptor but the hyperdescriptor exit was not specified in the ADARUN parameters for the database.
Action	Specify ADARUN HEXnn parameter in the ADARUN parameters for the database and rerun the job. For more information about the HEXnn parameter, read *HEXnn: Hyperdescriptor User Exit* in *Adabas Operations*.

ERROR-146	**Hyperdescriptor exit was not specified in ADARUN**
Explanation	An error was encountered while generating the descriptor value table (DVT) when a file was being unloaded from SAVETAPE. A response code is returned. For more information, read *Nucleus Response Codes* in *Adabas Messages and Codes*.
Action	Investigate the cause of the error, correct it, and rerun the job.

ERROR-147	**FDT plus IT prefix do not fit into the output record**
Explanation	The maximum record length of the output data set is to small.
Action	Specify the correct output data set or a data set with the correct maximum record length and rerun the job.

ERROR-148	**Error during hyperexit call** **A call to hyperexit number {nn} resulted in a response 79 with subcode {code}**
Explanation	A hyperexit call failed with response code 79 and the subcode given in the message during SAVETAPE processing.
Action	Investigate the subcode to determine the reason for the error.

MODE=SHORT will be forced
Found field(s) defined with COLDE option

Explanation	At least one field was found with the collation descriptor option defined. In this case, MODE=SHORT is required. Adabas has forced this parameter setting.
Action	None required. This message is for information only.

63 ADAVAL Error Messages

ERROR-121	**Invalid descriptor field list for validate**
Explanation	The field name (field-name) is either

■ not in the FDT; or

■ not a descriptor.

Action	Supply the correct parameter value, and rerun the ADAVAL job.

ERROR-122	**TEMP dataset too small; input record count= {count}**
Action	Supply a larger TEMP data set/file. See the Adabas Utilities documentation for information about calculating TEMP space.

ERROR-124	**Invalid file requested: FNR={file-number}**
Explanation	The Adabas checkpoint/security file cannot be checked by ADAVAL.
Action	Supply a correct file list and rerun the ADAVAL job.

ERROR-130	**Error initializing collating user exit - return code={return-code}**
Explanation	An error occurred while the collation descriptor user exit was being initialized.
Action	Investigate the cause of the error; correct it; and rerun the job.

ERROR-131   **Collating user exit not loaded**

Explanation   The collation descriptor user exit requested is not loaded.

Action   Load the exit and rerun the job.

64 ADAWRK Error Messages

ERROR-121	**Invalid value for parameter TIMEZONE. TIMEZONE must be set to MACHINE, LOCAL, or an integer value in the range -23 to +23. When entering + OR -, enclose the number in single quotes. e.g. TIMEZONE='+5'**
Explanation	An invalid value was specified for the TIMEZONE parameter.
Action	Supply the correct parameter value and rerun the ADAWRK job.

ERROR-122	**Invalid value for parameter CHECKPOINT. Must be set to YES or NO.**
Explanation	An invalid value was specified for the CHECKPOINT parameter.
Action	Supply the correct parameter value and rerun the ADAWRK job.

ERROR-123	**Invalid value for parameter DTP. Must be set to YES, NO or DETAIL.**
Explanation	An invalid value was specified for the DTP parameter.
Action	Supply the correct parameter value and rerun the ADAWRK job.

ERROR-124	**Invalid value for parameter FORCE. Must set to YES or NO.**
Explanation	An invalid value was specified for the FORCE parameter.
Action	Supply the correct parameter value and rerun the ADAWRK job.

ERROR-125	**Invalid value for parameter REPLICATION. Must be set to YES, NO or DETAIL.**
Explanation	An invalid value was specified for the REPLICATION parameter.
Action	Supply the correct parameter value and rerun the ADAWRK job.

ERROR-126	**Invalid value for parameter REPORTFILE. Must be set to YES or NO.**
Explanation	An invalid value was specified for the REPORTFILE parameter.
Action	Supply the correct parameter value and rerun the ADAWRK job.

ERROR-127	**Invalid value for parameter SUMMARY. Must be set to YES or NO.**
Explanation	An invalid value was specified for the SUMMARY parameter.
Action	Supply the correct parameter value and rerun the ADAWRK job.

ERROR-128	**Invalid value for parameter TRANSACTIONS. Must be set to YES, NO or FULL.**
Explanation	An invalid value was specified for the TRANSACTIONS parameter.
Action	Supply the correct parameter value and rerun the ADAWRK job.

ERROR-129	**Invalid value for parameter FILES. File number provided must be > 0 and < 65536.**
Explanation	An invalid value was specified for the FILES parameter.
Action	Supply a file number in the correct range and rerun the ADAWRK job.

ERROR-130	**Invalid range for parameter FILES. When file range provided, VALUE1 < VALUE2.**
Explanation	An invalid value was specified for the FILES parameter.
Action	Ensure that when providing a range of file numbers the first value (VALUE1) is less than the second value (VALUE2), then rerun the ADAWRK job.

ERROR-131	**IOR {cccc} call failed return code {rc}**
Explanation	An internal call failed.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-132	**Cannot identify Work datasets as no Work datasets were provided in the JCL and NOPPT was specified**
Explanation	ADAWRK was unable to find Work data sets.
Action	Either include statements for the Work data sets in the JCL or remove the NOPPT parameter.

ERROR-133	**TIMESTAMP mismatch on Work dataset**
Explanation	ADAWRK detected inconsistent timestamps in the Work data set provided.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-134	**Work dataset {dsn} has wrapped**
Explanation	ADAWRK detected that the Work data set has wrapped and that old protection data has been overwritten. The Work data set name (*dsn*) is given in the message.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-135	**While processing a non cluster Work, a cluster nucleus Work block was found**
Explanation	While processing a Work data set from a non-cluster nucleus, ADAWRK detected a work block that originated from a cluster nucleus.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-136	**While processing a cluster Work dataset, a non cluster nucleus Work block was found**
Explanation	While processing a Work data set from a cluster nucleus, ADAWRK detected a work block that originated from a non-cluster nucleus.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-137	**Work block size value longer than Work block size**
Explanation	While processing a Work data set, ADAWRK detected a work block with a size indicator greater than the block size of the work block.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-138	**Invalid version in Work block**
Explanation	While processing a Work data set, ADAWRK detected a work block with a version number that is not supported.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-139	**Invalid database ID in Work block**
Explanation	While processing a Work data set, ADAWRK detected a work block with a different database ID.
Action	Ensure that you have not mixed the Work files you are passing to ADAWRK.

ERROR-140	**Invalid timestamp in Work block**
Explanation	While processing a Work data set, ADAWRK detected a work block with an invalid timestamp.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-141	**Invalid HSI record in Work block**
Explanation	While processing a Work data set, ADAWRK detected a work block with an invalid HSI record.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-142	**Cluster nucleus Work dataset time stamps did not occur in chronological order**
Explanation	While processing a cluster Work data set, ADAWRK detected timestamps that are not in the correct order.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-143	**Recovery data found on provided Work datasets**
Explanation	While processing the specified Work data sets, ADAWRK was unable to detect any recovery data.
Action	Ensure that you have not mixed the Work files you are passing to ADAWRK.

ERROR-144	**Parameter DTP is not currently supported**
Explanation	The DTP parameter is not yet supported.
Action	Remove the parameter and resubmit the job.

ERROR-145   **Parameter REPLICATION is not currently supported**

Explanation   The REPLICATION parameter is not yet supported.

Action   Remove the parameter and resubmit the job.

ERROR-146   **Invalid nucleus ID in Work block**

Explanation   While processing the Work data set, an invalid nucleus ID was detected.

Action   Ensure that you have not mixed the Work files you are passing to ADAWRK.

ERROR-147   **Userid cannot exceed 8 bytes**

Explanation   A user ID longer than eight bytes was specified when providing a user ID to be used for selecting transactions.

Action   Correct the user ID and resubmit the job.

ERROR-148   **Missing Work dataset entry in PPT block**

Explanation   When processing the PPT block in the specified Associator data set, a missing entry was detected.

Action   Contact your Software AG technical support representative for assistance.

ERROR-149   **Dynamic allocation/open Work failed**

Explanation   When trying to dynamically allocate or open the Work data sets, a failure occurred.

Action   Investigate the cause of the error. Contact your Software AG technical support representative for assistance.

ERROR-150   **Insufficient workpool space for buffers**

Explanation   ADAWRK encountered a shortage of space in the Work pool during execution.

Action   Check JCL, increase region size, and resubmit the job. If the problem persists, contact your Software AG technical support representative for assistance.

ERROR-151   **I/O error reading a Work dataset**

Explanation   ADAWRK encountered an I/O error reading a Work data set.

Action   Review the additional error message accompanying this message and rectify the problem. Then resubmit the job.

ERROR-152	**I/O error reading PPT**
Explanation	ADAWRK encountered an I/O error reading the PPT.
Action	Review the additional error message accompanying this message and rectify the problem. Then resubmit the job.

ERROR-153	**Inconsistent Work datasets provided**
Explanation	ADAWRK detected inconsistencies in the Work data sets provided.
Action	Contact your Software AG technical support representative with the details of this message.

ERROR-154	**Parameter LWP must be specified in, e.g LWP=512K**
Explanation	The value provided for the LWP parameter must be specified in kilobytes.
Action	Provide a value for LWP in kilobytes and try again.

ERROR-155	**Parameter LWP error : must be between 100K and 1048576K**
Explanation	The value provided for the LWP parameter is not in the correct range.
Action	Provide a value for LWP in the correct range and try again.

ERROR-156	**Parameter error(s) detected**
Explanation	This message appears when errors have been detected in parameter processing.
Action	Messages indicating which parameters are in error will have been issued earlier. Refer to these other error messages to resolve the issue. Then try again.

ERROR-157	**No space in Work pool to satisfy request** **Please review the settings of the LWP parameter.**
Explanation	An internal ADAWRK storage request has failed.
Action	Consider increasing the setting of the ADAWRK LWP (length of Work pool) parameter. If this does not resolve the issue, contact your Software AG technical support representative for assistance.

ERROR-158	**All Work datasets for nuclei referred to in Work-part-1 data not provided.**
Explanation	Records have been detected in the Work part 1 data referring to clustered nuclei, but the work data sets for the other nuclei have not been provided as input to ADAWRK in JCL. Inconsistent ADAWRK output may result.
Action	Ensure that all Work data sets for all component nuclei of the cluster are included as input to ADAWRK. Then try again.

ERROR-159	**Invalid value for parameter FILES. File number specified more than once.**
Explanation	The same file number has been specified more than once in the ADAWRK FILES parameter. This is invalid.
Action	Correct the parameter and try again.

WARN-001	**A timestamp was encountered reading the Work datasets indicating that ADAWRK is running against a running Adabas nucleus. ADAWRK will continue.**
Explanation	ADAWRK detected that the Work data sets it is reading are being used by an active database.
Action	No action is required for this informational message.

WARN-002	**Flush point values not established**
Explanation	While processing the specified Work data sets, ADAWRK was unable to determine the flush point.
Action	No action is required for this informational message.

WARN-003	**End of buffer flush values not established**
Explanation	While processing the specified Work data sets, ADAWRK was unable to determine the end of buffer flush point.
Action	No action is required for this informational message.

WARN-004	**Start of buffer flush values not established**
Explanation	While processing the specified Work data sets, ADAWRK was unable to determine the start of buffer flush point.
Action	No action is required for this informational message.

WARN-005	**Backward repair point values not established**
Explanation	While processing the specified Work data sets, ADAWRK was unable to determine the backward repair point.
Action	No action is required for this informational message.

WARN-006	**Work dataset {dsn} found in PPT but not provided to ADAWRK.**
Explanation	The PPT refers to a Work data set that has not been provided as input to ADAWRK in JCL. It may be that the data set has been omitted in error. Inconsistent ADAWRK output may result.
Action	If the data set was not intentionally excluded from the run, include the relevant data set as input to ADAWRK. Then try again.

WARN-007   **Work dataset {dsn} not found in PPT but provided to ADAWRK**

Explanation   The PPT does not refer to a Work data set that has been provided as input to ADAWRK in JCL. It may be that the data set has been included in error. Inconsistent ADAWRK output may result.

Action   If the data set was not intentionally included from the run, remove the relevant data set as input to ADAWRK. Then try again.

WARN-008   **Work dataset for nucleus that triggered the last buffer flush not provided**

Explanation   The Work data set for the nucleus that triggered the last buffer flush has not been provided as input to ADAWRK in JCL. Inconsistent ADAWRK output may result.

Action   If the data set was not intentionally excluded from the run, include the relevant data set as input to ADAWRK. Then try again.

65   ADAZAP Error Messages

ERROR-121   **Incorrect mastercode supplied**

Explanation   The 8-byte mastercode specified in the MCODE parameter is incorrect.

Action   Supply the correct mastercode and rerun the job.

ERROR-122   **Adabas active, ADAZAP not permitted to run**

Explanation   ADAZAP runs only when the relevant Adabas nucleus is inactive.

Action   Shut down the nucleus and rerun the job.

ERROR-123   **VER-string is shorted than REP-string**

Explanation   The length of the string specified by VER is shorter than the string specified by REP.

Action   Specify the length of VER at least as long as the length of REP.

ERROR-124   **VER and LENGTH are mutually exclusive**

Explanation   The VER parameter and the LENGTH parameter may not be specified at the same time.

Action   Specify either VER or LENGTH, but not both.

ERROR-125   **OFFSET is bigger than BLOCKLENGTH**

Explanation   The OFFSET value specified is greater than the block length.

Action   Specify a smaller OFFSET value so that it falls within the block.

ERROR-126	**Verify not matched, string was: {string}**
Explanation	The VER value specified did not match.
Action	Specify the correct VER value and rerun the job.

ERROR-127	**{offset} plust {length-of-verification} exceeds block length**
Explanation	The of the two values *offset* plus the *length-of-verifcation* string exceeds the maximum blocksize of the RABN being modified.
Action	Check your VER value and specify an offset and a string that falls completely within the block.

WARNING-128	**End of block reached**
Explanation	During a list function, the offset plus the length specified exceeded the block size.
Action	No action is required for this warning message.

VI User Abend Codes

66 User Abend Codes

The decimal abend (abnormal end) codes described in this chapter occur in ADAInn, ADARUN, and in some utility messages or during replication or transaction manager processing. The message ADAM99 presents both system and nucleus STAE abend codes in hexadecimal; in this case, a nucleus abend code must first be changed to decimal before the description can be located here.

Most abend codes (except 20) result from errors that normally require assistance from your Adabas support technical representative. If abend codes 23 or 24 occur, save the Work data set. For all abend codes, save any dumps and note any messages or other indications that the system issues. Advise your Adabas technical support representative of the error.

> **Note:** Entire Net-Work issues only the abend code 253 to indicate an abnormal termination occurred. The abend (abnormal end) codes described in this chapter are issued primarily by Adabas modules operating with Entire Net-Work. Specific information related to an error is given in the messages written to the print data set.

Code	Module	Explanation
15	(nucleus)	Workpool too small to execute session autorestart.
16	(nucleus)	DTP=RM: Two-phase commit logic error.
17	(nucleus)	DTP=RM: Work-part-4 overflow.
19	(nucleus)	DTP=RM: Two-phase commit logic error.
20	(nucleus)	Error during system startup (refer to section Nucleus Start-up Error Messages in chapter 2).
21	(nucleus)	I/O error during asynchronous buffer flush (Asso/Data/Work/PLOG).
22	(nucleus)	I/O error on sequential PLOG and PLOGRQ=YES/FORCE in effect.
23	(nucleus)	WORK overflow.
24	(nucleus)	Autostart cancelled - protection area inconsistent.
25	(nucleus)	Logical I/O error: Adabas was unable to track one or more I/O operations).
26	(nucleus)	Adabas session cancelled by operator command.

Code	Module	Explanation
27	(nucleus)	Session ended due to work pool space problems.
28	(nucleus)	Nucleus problem during an asynchronous buffer flush.
29	(nucleus)	Adabas Transaction Manager (ATM) interface error.
30	(nucleus)	Adabas Transaction Manager (ATM) interface error.
31	(nucleus)	Insufficient workpool space for only active command.
33	(nucleus)	Logic error during file number validation.
33	ADARAC	Recovery Aid logic error.
34	utilities	Abnormal termination with dump.
35	utilities	Abnormal termination without dump.
36	utilities	I/O error occurred while writing to DDDRUCK or DDPRINT. Check JCL.
37	(nucleus)	ET post logic error.
38	(nucleus)	Unexpected response code for internal command.
39	(nucleus)	Fatal internal response code occurred during asynchronous buffer flush.
40	(nucleus)	Getmain failure early during session start.
40	ADACOM	Fatal error during ADACOM processing (cluster environments).
41	ADADSFN	Fatal error during Delta Save Facility processing.
42	(nucleus)	A security violation occurred at startup.
43	(nucleus)	Logic error in command selection (freeze table).
44	(nucleus)	Logic error in an FST write or an online process.
45	(nucleus)	Logic error in asynchronous buffer flush by volume (with ASYTVS=YES)
46	(nucleus)	Logic error in the buffer pool manager.
47	(nucleus)	Logic error in thread management
48	(nucleus)	Logic error in an ADANCX (cluster environments).
49	(nucleus)	General internal error (various reasons)
50	(nucleus)	Logic error in SRB code (Adabas Cluster Services)
51	(nucleus)	Logic error in dynamic Work access
52	(nucleus)	STCK clock not running
53	(nucleus)	Logic error in global HQE lock handling
54	(nucleus)	Logic error in global file lock handling
55	ADACLU	Fatal error during ADACLU processing (cluster environments).
56	(nucleus)	Logic error in ET synchronization process
57	(nucleus)	Unexpected error during online recovery
58	(nucleus)	Error in protection record bookkeeping
59	(nucleus)	Logic error during large object (LB) processing
65	(replication)	Fatal error related to replication processing.
66	(replication)	Logic error in initial-state processing

Code	Module	Explanation
67	(replication)	Logic error in SLOG handling
70	(nucleus)	Parallel Services nucleus canceled by peer nucleus
82	(nucleus)	Logic error in file activity bookkeeping
83	(nucleus)	Logic error in extended MU/PE handling
84	(nucleus)	Logic error in spanned record handling
85	(nucleus)	Logic error in spanned record read-lock handling
86	(nucleus)	Logic error in Adabas Fastpath multifetch processing
87	(nucleus)	Logic error in multiple buffers
89	(nucleus)	Logic error during global update command synchronization
108	ADATRA	Failure to load and install the trace module
214	MPMGCS	Unsuccessful state
215	MPMGCS	Invalid operating system
216	MPMGCS	Invalid function
221	MPMVSE	Invalid operating system
222	MPMVSE	Invalid function
223	MPMCMS	Unsuccessful STAE
225	MPMCMS	Invalid function
226	MPMCMS	Invalid FORCE of active target
227	MPMBS2	Wrong ADARER module found
228	MPMBS2	STXIT not successfully installed
229	MPMBS2	Invalid function
230	MPMBS2	Invalid router-40 caller The router-40 call is used to change entries in the ID table in the common memory. The authority of the caller is checked before the change is made. If another Entire Net-work task was started with the FORCE=YES option specified, this task may now be prevented from issuing router-40 calls, and could have been abended.
231	MPMBS2	Caller not correct target
232	MPMBS2	Invalid IDT
233	MPMBS2	Adabas cancelled in BOURSE WAIT (see the ADAM82 message description).
234	MPMBS2	Enqueue to IDT failed (BS2000)
235	ADAMP2	Unable to acquire memory for MPM client table UTAB (BS2000)
247	MPMMVS	Unsuccessful STAE
248	MPMMVS or MPMF4	Invalid operating system or RMODE; for MPMF4, invalid operating system or RMODE; or CID GETMAIN failed The operating system check did not recognize a "known" operating system. The known system is z/OS. For z/OS: if the nucleus is running AMODE 31, then RMODE 24 was not set for at least one Adabas module other than ADALNK.
249	MPMMVS	Invalid function

Code	Module	Explanation
252	IORSUB	Adabas subtask abend. See the ADAM90 message description.
253	MPMIND	Nonrecoverable abend (caused by STAE/STXIT processing program check or nucleus abend) See the ADAM99 message description.
254	MPMIND	Invalid function in abnormal termination Recovery exit
255	MPMIND	Invalid function
257	MPMVSE	Return code on 24-call from FREEVIS
435	ADASIP	The subsystem name specified is already being used by another ADABAS SVC. Select another subsystem name and rerun the job.
436	ADASIP	Invalid IDT for option table replace
437	ADASIP	No SSCT for option table replace
438	ADASIP	Incorrect security option table
439	ADASIP	Security option table load error
440	IORCMS	Program loaded above 16-megabyte (RMODE=ANY)
441	IORCMS	Incorrect operating system version. Not z/VM.
443	RTRGCS	Invalid 40-caller
444	RTRGCS	Caller not correct target
445	RTRGCS	No IDT
446	RTRGCS	Caller not authorized
447	RTRGCS	Invalid 48-call parameters
448	RTRGCS	Invalid 00-call parameters
449	RTRGCS	Invalid operating system
450	RTRGCS	Invalid function
451	LNKGCS	Unsupported function
452	LNKGCS	Invalid UB
453	LNKGCS	Length of user info LT (less than) 0
454	LNKGCS	Error in link initialization routine
455	LNKGCS	Incorrect router version
456	LNKGCS	User exit before call increased length of user info
457	LDICMS	Internal control blocks not found
458	LNKCMS	Unsupported function
459	LNKCMS	Invalid UB
460	LNKCMS	Invalid length of USER INFO, less than zero or modified by ZAP
461	LNKCMS	User exit before-call increased length of USER INFO
462	LDICMS	Line driver error encountered
463	LDICMS	IDT manager machine logged off
464	LDICMS	Invalid 40-caller

Code	Module	Explanation
465	LDICMS	Invalid 00-call parameters
466	LDICMS	Invalid function
468	IORCMS	Output tape file protected
469	SIPMVS	ADASIP CDE cannot be found
470	SIPMVS	SVCMVS load error
471	SIPMVS	Incorrect SVCMVS
472	SIPMVS	SSCT disappeared
473	SIPMVS	ADASIR non-zero return code
474	SIPMVS	SVC table entry changed
475	SIPMVS	SSCT already exists
476	SIPMVS	GETMAIN error
477	SIPMVS	Incorrect ADASIR
478	SIPMVS	ADASIR load error
479	SIPMVS	ADASIR or ADASVC were not found in the load libraries provided to the ADASIP job
480	SIPMVS	Open error
481	SIPMVS	EXEC PARM error
482	SIPMVS	SIPMVS not authorized
483	SIPMVS	RMODE or AMODE not 24
484	SIPMVS	Invalid operating system
485	LNKBTO	Unsupported function
486	SVCMVS	Invalid PCR04 call
487	SVCMVS	Caller specified an unknown or invalid target. This is possibly caused by restarting an already active target using FORCE=YES.
488	SVCMVS	Invalid PCR16 call
489	SVCMVS	Invalid 48-call parameters
490	SVCMVS	Invalid 40-caller
491	SVCMVS	SVC 12-call without 16-call required
492	SVCMVS	Active dormant LX
493	SVCMVS	Invalid 00-call parameters
494	SVCMVS	Caller not authorized
495	SVCMVS	Invalid operating system
496	SVCMVS	No IDT
497	SVCMVS	Invalid function
498	LNKBTO	Invalid UB
499	LNKBTO	Length of USER INFO less than zero
500	LNKBTO	Error in link initialization routine

Code	Module	Explanation
501	LNKBTO	Incorrect router version
502	LNKBTO	User exit before-call increased length of user info
503	IORCMS	EVENTS error
509	IOROS	DEB error
510	SSFENV	SSF initialization error
515	IORIND	GTALNK error
516	IORIND	RWINT error
517	IORIND	RWINT Cache Fast Write request error
539	IORSUB	FVSE error
540	IORSUB	FVST error
545	IOROS	BCP storage error
546	IORCMS	ADECB error
547	IOROS	Not z/OS system; z/OS RMODE is not 24; or z/OS AMODE 31 is not allowed
548	IOROS	BCP error
549	IOROS/ IORGCS	DLECB error
550	IOROS	QEDIT (block) error
551	IOROS	CHKIO error
553	IORCMS	Requested file not on tape
554	IORCMS	Block count in EOF/EOV label not equal to I/O count
555	IORCMS	Tape I/O error during mount or label processing
556	IORCMS	No virtual console
557	IORCMS	DLECB error
558	IORCMS	CHKIO error
559	IOROS	Incorrect SVC version
560	IOROS	Maximum blocks/track > minimum, I/O error, global sequential BLKSIZE too big, or invalid number (ECBS)
561	IOROS	EVENTS error
562	IOROS	Program loaded above 16meg
563	IORBS2	Invalid TDCE found during ADAIOR INIT
564	IORBS2	Failure to load ADAIOI or AT when trying to enable EVENT NAME
565	IORBS2	ECB list overflow
566	IORBS2	Invalid SOLSIG return code
567	IORBS2	DDSCAN error
568	IORBS2	BCP error
569	IORBS2	WTOR error
570	IORBS2	CHKIO error

Code	Module	Explanation
571	IORBS2	Invalid ECB type
573	ADAIOS	Fatal error attempting to establish operator command interface (BS2000)
575	USRCMS	ADARUN nucleus extension not found
576	USRCMS	Insufficient storage for data area
577	LNKCX	User exit before-call increased length of USER INFO
578	IORVSE	CHKIO error
579	LNKCX	Error in link initialization routine
580	LNKCX	Length of USER INFO LT 0
581	LNKCX	Incorrect router version
582	LNKCX	Invalid UB
583	IOROS	QEDIT (CIBCTR) error
584	LNKCX	Unsupported function
585	SVCMVS	PRB cannot be found
586	MGACX	ADAMAI error
587	MGABTO	LOAD error
588	MGABTO	ADAMAI error
589	MGACX	LOAD error
590	IORCMS	Maximum blocks/track > minimum, I/O error
591	IORVSE	EVENTS error
592	IORVSE	GETDVS error
593	IORVSE	IVST error
594	USRBTO	Invalid RMODE
595	IORVSE	EXTRACT error
596	IORVSE	GETLBL error
597	IORVSE	TOPMSG error
598	IOROS	ADECB error
599	IORVSE	ADECB error
600	IORVSE	DLECB error
601	IORVSE	SUBSID error, invalid version, or ADAIOI could not be loaded
602	IORVSE	CKTDC error
603	IORDOS	Global sequential blocksize too big or invalid number (ECBS)
604	IORVSE	GETTVS error
605	IORVSE	Invalid printer device
606	LNKBS2	Unsupported function
607	LNKBS2	Invalid UB
608	LNKBS2	Length of USER INFO (less than) 0

Code	Module	Explanation
609	LNKBS2	Incorrect router version
610	LNKBS2	User exit before-call increased length of USER INFO
611	LNKBS2	WAIT error
612	RERBS2	No IDT (identification table)
613	RERBS2	Invalid function
614	SVCVSE	Invalid function via caller
615	SVCVSE	No IDT (identification table)
616	SVCVSE	Invalid 00-call parameters
617	SVCVSE	Invalid 40-caller
618	SVCVSE	Caller specified an unknown or invalid target. This is possibly caused by restarting an already active target using FORCE=YES.
619	IORMVS	Error attempting to open a VSAM file. See the ADAI68 message description for z/OS in chapter 1.
620	IORIND	IOR fatal error
621	IORIND	PLOG size alteration error The PLOG size (DUALPLS or PLOGSIZE) was changed with the last startup, and PLOG data is still in the PLOG. Run ADARES PLCOPY to save the data, then restart the nucleus.
622	LNK*xx*	Invalid SAVE area in UB (UEXITB or LUEXIT1) SAVE area (USERSAV) in the Adabas link routine was less than 72 bytes and user exit 1/2 (A/B in Adabas 7) was invoked.
627	IORGCS	No virtual console
628	ADAIOS	GETMAIN error
629	IORVSE	ADAOPTD could not be found, or could not be loaded into storage.
630	IORVSE	Unable to load ADAOPTD.
631	IORVSE	GETVIS failed for sequential file table.
632	IORVSE	No more slots in sequential file table.
633	IORVSE	Internal error file name not found.
636	LNCSTUB	No TWA is available for the task, or the length of the TWA is less than 24 bytes. Check the execution of the task with CEDF to determine if the ADDRESS TWA or ASSIGN TWALENG commands are providing a valid TWA address and length.
637	LNCSTUB	A CICS request failed. Use CEDF to determine the failing request and the nature of the failure. Contact Software AG technical support if necessary.
639	LNKOLSC	A CICS request failed. Use CEDF to determine the failing request and the nature of the failure. Contact Software AG technical support if necessary.
640	LNKBS2	The router (ADARER) detected an Adalink at Adabas 5.2.6 level or higher that issued a call to an Adabas nucleus at Adabas 5.2.5 level or lower while the address of the UB was XS. The Adalink module should be bound below the 16-megabyte limit.

Code	Module	Explanation
640	ADALNK	No memory available for LNK anchor block (BS2000)
641	LNKBS2	The SM6 Adalink detected a router at 5.2.5 level or lower. The ID Table must be initialized with an Adabas nucleus at level 5.2.6 or higher.
642	LNKBS2	The Adalink cannot read the parameter file; the file may be empty, or it may be an ISAM file. Use a SAM/V data set that was created by EDT.
643	LNKBS2	The Adalink detected a syntax error in its parameters. Correct the syntax and rerun.
645	ADALNC	The CICS macro level interface is not supported for CICS/ESA 3.2 and above.
646	ADAIOR	(BS2000) Cannot read the SYSDTA data set; see the message ADAI56 description.
650	SVCMVS	SVC does not match the IDT (identification table).
654	ADALNK	ADALNK: unsupported operating system version, unsupported HSI. Adabas version 6.1 and above requires BS2000 version 10 and above and XS31 hardware.
655	ADALNK	Incompatible versions of ADALNK and ADAL2P. Check library assignments; check TSOSLNK/BINDER protocols. See message ADAK09.
656	ADALNI	An internal error occurred when the IMS link routine could find the proper IMS structures to properly set the value for the *userid* (the last eight bytes of the 28-byte Adabas communication ID). When this user abend occurs, contact your Software AG support representative and provide a dump including the registers at time of the abend so the reason code stored in R15 can be seen and evaluated.
657	ADALNK	The DBID/SVC routing table could not be loaded. This table is required to support Adabas SVC routing by database ID. Ensure that the DBSVCTN keyword in the LGBLSET macro (used to prepare the link globals table for the link routine) provides the correct DBID/SVC routing table load module name. Also verify that the DBID/SVC routing table load module is in a library concatenated in the library search chain so it can be located when the link routine runs.
658	ADALNK	LNKUES module not available to ADALNK.
659	SVCMVS	PC routine invoked by invalid caller.
660	ATMCXRMI	CICS instructed ATM to perform a single-phase commit, but the outcome of the attempted commit could not be determined. Check the status of the transaction using Adabas Transaction Manager's Online Services.
661	SVCMVS	Name/Token service error.
664	SVCMVS	SVC incompatible with install program.
665	SVCMVS	Invalid SVC caller.
666	SVCMVS	Invalid AllocAB deallocation length.
667	SVCMVS	Required CPU instruction set features are not available. IBM ArchLvl 1 instruction set is required.

Code	Module	Explanation
668	ATMCXRMI	A syncpoint operation was triggered by an Adabas command, but the user's communication ID was not known.
669	SVCMVS	S64 recovery routine manager error.
670	link routines	The CICS EXTRACT command used to obtain the Adabas Task Related User Exit (TRUE) global work area failed. The Adabas 8 or enhanced Adabas 7 CICS environment is not correctly established. To determine the cause, consult the messages associated with starting the Adabas TRUE issued from ADAENAB (if you are running Adabas 7) or from ADACIC0 (if you are running Adabas 8).
672	SVCMVS	IDT extension not provided. Possible incorrect version of ADASIR is indicated.
673	SVCMVS	Invalid PCRCLU caller.
674	link routines	A version 8 call using the ACBX has been made, but the link routine did not detect a valid reentrancy token in direct call (field APLXRTOK) of the Adabas 8 parameter list.
676	link routines	The work area passed to an Adabas 8 link routine in the direct call (field APLXRTOK of the APLX) was invalid, or the attempt to obtain storage for the work area failed.
678	link routines	The Adabas 8 link routine could not find the address of a link global table, either because it was not linked with the Adabas 8 link routine, or because an attempt to load the link globals table failed.
800	NETSIP/OS	Invalid operating system detected - not MVS
801	NETSIP/OS	Parameter error detected
802	NETSIP/OS	Addressing or residency mode, authorization error or operating system is not a virtual machine guest
803	NETSIP/OS	Error detected during program loading or validation
804	NETSIP/OS	Space allocation failure
806	NETSIP/OS	NETSIR initialization failed

VII   Universal Encoding System (UES) Component Error Codes

67 Universal Encoding System (UES) Component Error Codes

This chapter describes error codes issued by Adabas UES components and listed in other Adabas error messages.

Entire Conversion Service (ECS) Errors

The following table describes the error codes that might be produced by the Entire Conversion Service (ECS) component of Adabas UES code.

Error Code	Description
10	Error in CV call
11	Index value exceeds the maximum
12	Indexed LB cannot be used
13	Null repeat count detected
14	Data to be translated does not conform to the layout buffer
15	Send buffer length is invalid
16	TS or CVBU had already been initialized
18	Null length value specified
19	Repeat count/index value must be at least 2 digits long
20	ts_build_lb called before ts_alloc_lb was called
21	Element length exceeds the maximum
22	Error in floating point convert
23	Underflow or overflow in floating point conversion
24	TS routines called out of sequence
25	Error reading ASCII-EBCDIC mod file
26	Error opening ASCII-EBCDIC mod file
27	Syntax error in ASCII-EBCDIC mod file
28	Error opening Encoding Descriptor Definition file
29	Error reading Encoding Descriptor Definition file
30	Incomplete Encoding Descriptor Definition
31	Invalid modal escape sequence
33	Multi-thread serialization error
34	Memory allocation error
35	EDD Compile error. Invalid sequence of sections
36	Encoding Definition compilation failed
37	Invalid value for keyword
38	Subspace Dimensions Inconsistent

Error Code	Description
39	Unable to translate Encoding Descriptor Definition input line or unable to translate for output file processing
40	Invalid PVO passed to SPO allocate routine
41	Thread file resource failed
42	Write Buffer allocation failed
43	Actual fixed code point size to big
44	Logic error calculating relative char index
45	Logic error generating actual code point
46	Error reading a ECS object file
47	Logic error finding PTO to load
48	Allocated / read PTO is inconsistent EDD's PTO's out of sync
49	Relative to Character error: invalid relative index
50	Relative to Char error: out buffer overflow
51	EDD management logic error, expected entity not found
52	Bind utility object not found
53	Dangling PTO found
54	Character could not be converted to rel index
55	Translation buffer overflow. Truncation of non blank character
56	No thread local LBT available
57	Multi-thread Lock failed
58	Default translate objects not found
59	Bind statement syntax error in init file
60	Thread resource unavailable
61	Local objects present or already connected
62	Error when saving dynamic PTO: either UNICODE is source or target or I/O error
63	General character translation error
64	Invalid conversion handle
65	Handle capacity exceeded.
66	Runtime parameter could not be set
101	Invalid float field length
102	Warning - invalid flag or flags detected in RDA header
103	Invalid source floating point number
104	Warning - underflow occurred in float conversion
106	Warning - overflow occurred in the float conversion
107	Bad conversion parameters: source/destination encodings are equal or both UNICODE encodings
108	Multi-thread allocation error

Error Code	Description
109	Inline Work area allocation failed
110	Warning - truncation of nonblank characters
111	No DBCS PVO available
112	Bad untranslatable character
113	Bad fill character
114	DBCSONLY conversion of non-DBCS character
115	Non UNICODE character has no UNICODE PRECOMPOSED equivalent. Thus it cannot be decomposed.
116	Invalid modal fill. i.e., length > 0 but no room for mode change
121	Invalid integer field length
166	Runtime parameter could not be set

Open Virtual Operating System Interface (OVO) Errors

The following table describes the error codes that might be produced by the Open Virtual Operating System Interface (OVO) component of Adabas UES code.

Error Code	Description
-1	Parameter error
-2	No more space available
-3	String truncated
-4	File already open
-5	Invalid file name
-6	End of file or directory
-7	Operating system error (e.g., file/member not found or locale not supported)
-8	Undefined file handle
-9	File is not open
-10	New File already exists
-11	File not opened for read/write
-12	Function not supported
-13	File does not exist
-14	I18N Conversion not supported
-15	Unable to convert string (file name)
-16	Internal structure corrupted
-17	File locked by other process

COX* Universal Encoding System Conversion (UES) Errors

COX01I	**ADACOX exit V{v.r.1} {date} active**
Explanation	Informational message showing the version and assembly date of the ADACOX module.

COX02I	**ADACOX converting {source} to {target}**
Explanation	Informational message indicating that conversions from source to target will be done by ADACOX.

COX03I	**ADACOX {source} to {target} count {number} AVG {time (usec)}**
Explanation	Informational message at session termination. This message is output only if ADACOX has performed conversions between source and target encodings. *number* shows the number of conversions and time the average time for conversion in microseconds.

VIII

68 Software AG Licensing Messages

The messages in this document may be produced by Software AG mainframe license procesesing or when using the license utility, LICUTIL.

MLC1001	**CPU-ID {cpuid} is not defined in your product license**
Explanation	The CPU ID listed in the message (*cpuid*) is not defined in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.
Action	Install and run the Software AG product on the machine for which it is licensed. If the problem persists, contact your Software AG sales representative for assistance.

MLC1002	**LPAR name {lparname} is not defined in your product license**
Explanation	The LPAR name listed in the message (*lparname*) is not defined in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.
Action	Install and run the Software AG product on the machine for which it is licensed. If the problem persists, contact your Software AG sales representative for assistance.

MLC1003	**Machine capacity {value} higher than MSUs in your product license**
Explanation	The machine capacity (*value*) of the machine on which you have attempted to install and run the Software AG mainframe product exceeds the capacity allowed in your product license. Either your license file is invalid or you have attempted to run the Software AG mainframe product on a machine for which it is not licensed.
Action	Contact your Software AG sales representative for assistance.

MLC1004	**The product license will expire on {timestamp}**
Explanation	This warning message provides the date and time (*timestamp*) when the license will expire for this Software AG mainframe product.
Action	No action is required for this warning message. However, you should contact your Software AG sales representative to obtain an updated license soon.

MLC1005	**We assume CPU-ID {cpuid} as your DR or DR testing environment**
Explanation	The CPU ID listed in the message (*cpuid*) is not defined in your product license. Therefore we assume that you are running in a disaster recovery environment.
Action	If you are running in a disaster recovery environment, no action is required for this warning message. If you are not running in a disaster recovery environment, contact your Software AG sales representative to obtain an updated license.

MLC2001	**The product license is invalid**
Explanation	Your product license is invalid.
Action	Contact your Software AG sales representative for assistance.

MLC2002	**The product license key is invalid**
Explanation	The license file for the Software AG mainframe product is invalid.
Action	Verify that the license file was transferred correctly to the mainframe host and that it is still in ASCII format. If the problem persists, contact your Software AG sales representative for assistance.

MLC2003	**The product license is not for{value}**
Explanation	The license file for the Software AG mainframe product is not for the operating system (OS), product code, or product version listed in the message (*value*).
Action	Use the correct license file. If the problem persists, contact your Software AG sales representative for assistance.

MLC2004	**The product license has expired on {timestamp}**
Explanation	The product license has expired. The date and time it expired is given in the message (*timestamp*)
Action	Contact your Software AG sales representative for assistance.

MLC2005	**Tag missing in product license: {tagname}**
Explanation	The tag with the name listed in the message (*tagname*) is missing in your product license.
Action	Contact your Software AG sales representative for assistance.

MLC2006	**Invalid tag value in product license: {tagname}**
Explanation	The value of the tag with the name listed in the message (*tagname*) is invalid in your product license.
Action	Contact your Software AG sales representative for assistance.

MLC2007	**Current CPU-ID not found for product license check**
Explanation	The CPU ID of the CPU on which the product license check was run is not found in the license file.
Action	Contact your Software AG sales representative for assistance.

MLC2008	**The number of MSU values in the product license is incorrect**
Explanation	The machine capacity covered by the product license is incorrect.
Action	Contact your Software AG sales representative for assistance.

MLC9001	**License exceeds maximum size of 8000**
Explanation	Your license file is too large.
Action	Contact your Software AG sales representative for assistance.

MLC9002	**Error opening license file input**
Explanation	An error occurred during an attempt to open the license file input.
Action	Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your Software AG sales or support representative for assistance.

MLC9003	**Error reading license file input**
Explanation	An error occurred during an attempt to read the license file input.
Action	Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your Software AG sales or support representative for assistance.

MLC9004   **Error opening license file assembler output**

Explanation   An error occurred during an attempt to open the license file assembler output.

Action   Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your Software AG sales or support representative for assistance.

MLC9005   **Error writing license file assembler output**

Explanation   An error occurred during an attempt to write the license file assembler output.

Action   Investigate the cause of the error, paying special attention to the corresponding error messages produced by the operating system. Contact your Software AG sales or support representative for assistance.

MLC9006   **License converted to assembler output records written to output file**

Explanation   The license file was successfully converted to an assembler source module. Output records were written to the output file.

Action   No action is required for this informational message.

MLC9009   **DMS Error**

Explanation   A DMS error occurred (only in BS2000/OSD environments).

Action   Investigate the cause of the BS2000/OSD DMS error. If you need assistance, contact your Software AG support.representative.

Index

S

SAF
 return codes, 422
SAGE* messages, 415
SAGI* messages, 417
SAGUSER control statement
 batch
  messages written over, 415
SEFM* messages, 421

U

user
 abend codes, 719
utilities
 error messages and codes
  common to all utilities, 523
 messages
  status, 251
 return codes, 513

V

VSE
 job exit utility
  messages, 415

Z

z/VM Transaction Monitor Interface
 messages, 307